<table>
<thead>
<tr>
<th>Office</th>
<th>Phone Number</th>
<th>Information Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Advising F.A.S.T (Flight Advising Success Team)</td>
<td>421-6577</td>
<td>Advising &amp; Orientation</td>
</tr>
<tr>
<td>Business Office</td>
<td>421-6515</td>
<td>Student Account Inquiries, Collections, Refunds</td>
</tr>
<tr>
<td>Counseling (Students)</td>
<td>421-6971</td>
<td>Counseling Services</td>
</tr>
<tr>
<td>Disability Services (ADA)</td>
<td>421-6969</td>
<td>Services for Special Needs</td>
</tr>
<tr>
<td>Dual Enrollment</td>
<td>421-6581</td>
<td>College &amp; Career Transitions</td>
</tr>
<tr>
<td>Emergency</td>
<td>274-9790</td>
<td>SOWELA Security</td>
</tr>
<tr>
<td>One Stop Center</td>
<td>421-6550</td>
<td>Applications to SOWELA, Admissions, Financial Aid, Registrar, Scholarships, fee payment, student ID, parking tag</td>
</tr>
<tr>
<td>Information Technology</td>
<td>421-6520</td>
<td>Help Desk for email, Canvas, App</td>
</tr>
<tr>
<td>Library</td>
<td>421-6530</td>
<td>Circulation Desk</td>
</tr>
<tr>
<td>Library/Morgan Smith Site</td>
<td>421-6567 ext 4656</td>
<td></td>
</tr>
<tr>
<td>Library/Oakdale Site</td>
<td>421-6566 ext 4550</td>
<td>Library Assistant</td>
</tr>
<tr>
<td>Literacy/Adult Ed Lake Charles</td>
<td>421-6578</td>
<td>HiSET Training; WorkReadyU</td>
</tr>
<tr>
<td>Literacy/Adult Ed/Jennings</td>
<td>421-6579</td>
<td>HiSET Training; WorkReadyU</td>
</tr>
<tr>
<td>Literacy Advisor/Oakdale</td>
<td>421-6566 ext 4551</td>
<td>HiSET Training; WorkReadyU</td>
</tr>
<tr>
<td>Registrar</td>
<td>421-6555</td>
<td>Graduation, Records, Transcripts, Grade Changes, Program Changes</td>
</tr>
<tr>
<td>Recruitment &amp; Career Services</td>
<td>421-6951</td>
<td>Recruitment, Course Placement, Career Counseling, Job Search, &amp; Job Placement</td>
</tr>
<tr>
<td>Student Services</td>
<td>421-6969</td>
<td>Student Activities, Student Clubs, Student Government</td>
</tr>
<tr>
<td>Office</td>
<td>Phone Number</td>
<td>Information Available</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------</td>
<td>------------------------------------------------------------</td>
</tr>
<tr>
<td>STEPS</td>
<td>421-6597</td>
<td>Enrolling in the Senior Technical Education Program at SOWELA</td>
</tr>
<tr>
<td>Student Employment</td>
<td>421-6510</td>
<td>On-Campus Student Jobs</td>
</tr>
<tr>
<td>Testing Center</td>
<td>421-6580</td>
<td>ACCUPLACER, HiSET &amp; Pearson Vue Certification Testing</td>
</tr>
<tr>
<td>Workforce Solutions</td>
<td>421-6560</td>
<td>Short-term skills development courses, Customized Professional Training, Personal and Employee Development, On-campus Space Rentals, Summer Camps</td>
</tr>
<tr>
<td>Jennings Site</td>
<td>421-6567</td>
<td>Jennings-Morgan Smith Site General Questions</td>
</tr>
<tr>
<td>Oakdale Site</td>
<td>421-6566</td>
<td>Oakdale Site General Questions</td>
</tr>
</tbody>
</table>

Please note-all numbers are area code 337.
To call Jennings direct, local use 337-824-4811 and dial the last four numbers listed for the extension.
To call Oakdale direct, local use 318-335-3944 and dial the last four numbers listed for the extension.
CAMPUS/SITE ADDRESSES:

MAIN CAMPUS
3820 Senator J. Bennett Johnston Avenue,
Lake Charles, LA 70615
Mailing Address: P. O. Box 16950,
Lake Charles, LA 70616
Phone: (337) 421-6565,
Toll Free (800) 256-0483
Fax: (337) 491-2135

MORGAN SMITH SITE
2110 North Sherman Street,
Jennings, LA 70546
Mailing Address: P. O. Box 1327,
Jennings, LA 70546
Phone: (337) 824-4811
LC Phone: (337) 421-6567
Fax: (337) 824-5653

Oakdale Site
117 Highway 1152,
Oakdale, LA 71463
Phone: (318) 335-3944
LC Phone: (337) 421-6566
Fax: (318) 335-3347

PROGRAM OFFERINGS:

SOWELA’s Main Campus, Lake Charles:
Accounting Technology (AAS)
Aviation Maintenance Technology (AAS)
Business Administration (AAS)
Chemical Laboratory Technology (AAS)
Criminal Justice (AAS)
Culinary Arts (AAS)
Digital Arts and Communications (AAS)
Drafting & Design Technology (AAS)
General Apprenticeship - Electrical (TD)
General Apprenticeship - Plumbing (TD)
General Studies (AGS)
Industrial Electrical Technology (AAS)
Industrial Instrumentation Technology (AAS)
Information Systems Technology (AAS)
Nurse Assistant (CTC)
Nursing (RN)(AS)
Office Systems Technology (AAS)
Practical Nursing (TD)
Process Technology (AAS)
Transfer Degree (Arts - Louisiana) (AALT)
Transfer Degree (Science - Louisiana) (ASLT)
Vehicle Maintenance & Repair Technology (TD)
Welding (TD)

Morgan Smith Site, Jennings:
Business Administration (AAS)
Industrial Electrical Technology (AAS)
Practical Nursing (TD)
Sterile Processing Technology (CTS)
Surgical Technology (AAS)
Welding (TD)

Oakdale Site, Oakdale:
Business Administration (AAS)
Forest Technology (TD)
Industrial Instrumentation Technology (AAS)
Practical Nursing (TD)
Welding (TD)
# ACADEMIC POLICIES/PROCEDURES

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Load</td>
<td>83</td>
</tr>
<tr>
<td>Student Records</td>
<td>83</td>
</tr>
<tr>
<td>Change of Major/Program</td>
<td>83</td>
</tr>
<tr>
<td>Curriculum and Catalog Revisions</td>
<td>83</td>
</tr>
<tr>
<td>Placement Testing/Transitional</td>
<td>84</td>
</tr>
<tr>
<td>General Education Core Requirements</td>
<td>84</td>
</tr>
<tr>
<td>Class Attendance</td>
<td>86</td>
</tr>
<tr>
<td>Absences for School-Sanctioned Activities</td>
<td>86</td>
</tr>
<tr>
<td>Drops/Withdrawals from Classes</td>
<td>86</td>
</tr>
<tr>
<td>Withdrawal from SOWELA (withdrawing from all classes)</td>
<td>87</td>
</tr>
<tr>
<td>Reinstatement</td>
<td>87</td>
</tr>
<tr>
<td>Academic Renewal</td>
<td>87</td>
</tr>
<tr>
<td>Academic Integrity</td>
<td>87</td>
</tr>
<tr>
<td>Academic Appeals Procedure</td>
<td>88</td>
</tr>
<tr>
<td>Student Identification Cards (ID)</td>
<td>88</td>
</tr>
<tr>
<td>Live-Work Policy</td>
<td>88</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>89</td>
</tr>
<tr>
<td>Graduation Applications</td>
<td>89</td>
</tr>
<tr>
<td>Graduation Ceremony</td>
<td>89</td>
</tr>
<tr>
<td>Honor Graduates</td>
<td>90</td>
</tr>
<tr>
<td>Transcripts</td>
<td>90</td>
</tr>
<tr>
<td>Follow-up of Students</td>
<td>90</td>
</tr>
</tbody>
</table>

# GRADING SYSTEM AND POLICIES

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grading System</td>
<td>93</td>
</tr>
<tr>
<td>Calculating the Grade Point Average (GPA)</td>
<td>94</td>
</tr>
<tr>
<td>Repeat Courses</td>
<td>95</td>
</tr>
<tr>
<td>Incomplete Grades</td>
<td>95</td>
</tr>
<tr>
<td>Awarding of Transfer Credit</td>
<td>95</td>
</tr>
<tr>
<td>Appealing the Transfer Decision</td>
<td>96</td>
</tr>
<tr>
<td>Prior Learning Assessment</td>
<td>96</td>
</tr>
<tr>
<td>Dean’s List</td>
<td>99</td>
</tr>
<tr>
<td>Academic Probation</td>
<td>99</td>
</tr>
<tr>
<td>Academic Suspension</td>
<td>100</td>
</tr>
<tr>
<td>Transfer of Credits to Other Institutions</td>
<td>100</td>
</tr>
</tbody>
</table>

# STUDENT SERVICES

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advising Services</td>
<td>103</td>
</tr>
<tr>
<td>Career Services</td>
<td>103</td>
</tr>
<tr>
<td>Counseling Services</td>
<td>103</td>
</tr>
<tr>
<td>Disability Services</td>
<td>104</td>
</tr>
<tr>
<td>Student Wireless Access &amp; Software Benefits</td>
<td>104</td>
</tr>
<tr>
<td>Tutoring</td>
<td>104</td>
</tr>
<tr>
<td>Student Organizations</td>
<td>105</td>
</tr>
<tr>
<td>Campus Safety and Hazing Policy</td>
<td>106</td>
</tr>
<tr>
<td>Campus Free Expression</td>
<td>108</td>
</tr>
<tr>
<td>Student Conduct Code</td>
<td>110</td>
</tr>
</tbody>
</table>

# PROGRAMS OF STUDY

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programs of Study</td>
<td>117</td>
</tr>
<tr>
<td>Work Ethic Initiative</td>
<td>118</td>
</tr>
<tr>
<td>Accounting Technology</td>
<td>119</td>
</tr>
<tr>
<td>Aviation Maintenance Technology</td>
<td>123</td>
</tr>
<tr>
<td>Business Administration</td>
<td>128</td>
</tr>
<tr>
<td>Chemical Laboratory Technology</td>
<td>132</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>136</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>140</td>
</tr>
<tr>
<td>Digital Arts and Communications</td>
<td>143</td>
</tr>
<tr>
<td>Drafting and Design Technology</td>
<td>147</td>
</tr>
<tr>
<td>Forest Technology</td>
<td>150</td>
</tr>
<tr>
<td>General Apprenticeship: Electrical Construction</td>
<td>152</td>
</tr>
<tr>
<td>General Apprenticeship: Plumbing Construction</td>
<td>154</td>
</tr>
<tr>
<td>General Studies</td>
<td>156</td>
</tr>
<tr>
<td>Industrial Electrical Technology</td>
<td>161</td>
</tr>
<tr>
<td>Industrial Instrumentation Technology</td>
<td>164</td>
</tr>
<tr>
<td>Information Systems Technology</td>
<td>167</td>
</tr>
<tr>
<td>Machine Tool Technology</td>
<td>171</td>
</tr>
<tr>
<td>Nurse Assistant</td>
<td>174</td>
</tr>
<tr>
<td>Nursing (RN)</td>
<td>176</td>
</tr>
<tr>
<td>Office Systems Technology</td>
<td>181</td>
</tr>
<tr>
<td>Practical Nursing</td>
<td>185</td>
</tr>
<tr>
<td>Process Technology</td>
<td>189</td>
</tr>
<tr>
<td>Sterile Processing Technology</td>
<td>194</td>
</tr>
<tr>
<td>Surgical Technology</td>
<td>196</td>
</tr>
<tr>
<td>Transfer Degree (AALT)</td>
<td>200</td>
</tr>
<tr>
<td>Transfer Degree (AALT)(2)</td>
<td>203</td>
</tr>
<tr>
<td>Transfer Degree (ASLT)</td>
<td>205</td>
</tr>
<tr>
<td>Vehicle Maintenance Technology</td>
<td>207</td>
</tr>
<tr>
<td>Welding</td>
<td>210</td>
</tr>
</tbody>
</table>

# WORKFORCE SOLUTIONS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workforce Solutions Unit</td>
<td>213</td>
</tr>
<tr>
<td>Continuing Education</td>
<td>214</td>
</tr>
<tr>
<td>Grant Funded Training</td>
<td>214</td>
</tr>
<tr>
<td>Grade System</td>
<td>214</td>
</tr>
<tr>
<td>HVAC Training Program</td>
<td>215</td>
</tr>
<tr>
<td>Machine Tool Technology Program</td>
<td>219</td>
</tr>
<tr>
<td>Millwright Training Program</td>
<td>220</td>
</tr>
<tr>
<td>NCCER Core Curriculum</td>
<td>227</td>
</tr>
<tr>
<td>Nondestructive Testing</td>
<td>229</td>
</tr>
<tr>
<td>COURSE DESCRIPTIONS</td>
<td>233</td>
</tr>
<tr>
<td>FACULTY AND STAFF</td>
<td>294</td>
</tr>
</tbody>
</table>
On behalf of the faculty and staff, I welcome you to SOWELA Technical Community College. We are very excited that you have chosen SOWELA to help achieve your higher education goals. As a comprehensive community college, we offer high-quality technical programs that will prepare you for a career in two years or less and degree programs designed to help you transfer to four-year colleges and universities. SOWELA is entering a new era and many exciting changes are taking place on campus as well as throughout the Southwest Louisiana region.

With the announcement of over $100 billion in industry expansions in the Lake Charles area, SOWELA is designing and implementing new programs and services to help provide the training needed to fill the thousands of jobs that will be created by these expansions. The College also continues to expand and add the facilities needed to keep pace with this thriving and diversified economy. Since 2012, the College has been in a constant stage of construction with the addition of the Phillips 66 Process Technology Building (2012), the Arts and Humanities Building (2013), the H.C. Drew Nursing & Allied Health Building (2014), the SOWELA Regional Training Center (2016), the Sycamore Student Services Building (2017), a new Morgan Smith campus and building in Jennings, Louisiana (2018), and the transition of the Oakdale Campus of Central Louisiana Technical Community College to SOWELA in 2018. Finally, with the growth of the gaming and hospitality industry in SW Louisiana, SOWELA is in design phase of our new Culinary, Gaming, and Hospitality Center with construction tentatively set to begin in early 2020.

Our dedicated faculty and staff members are student focused and pride themselves on providing the pedagogical expertise, personal assistance, and the student support services needed to ensure that you will achieve success in your chosen program of study. Whether you just graduated high school, have been out of school for many years, or are returning to update your skills to improve your current job situation, we have the educational program and/or degree that will help put you on the path to a rewarding career.
SOWELA is also a strong community partner that strives to help improve the economy of Southwest Louisiana by providing programs and services focused on strengthening the area workforce. SOWELA has established many partnerships with the businesses and industries in the region in order to help build a strong workforce and enhance the skills of the current workforce and prepare them to compete more successfully in the 21st century global economy.

As you become acquainted with the SOWELA campus and the faculty and staff, you will quickly learn that we are here to help you achieve success and accomplish the educational and life goals you have set. Pursing a higher education degree takes courage, stamina, and a great deal of personal responsibility and I want to assure you that we are here to make your journey as smooth as possible.

The “SOWELA Family” is here when you need us so please do not hesitate to call upon me or any of the faculty and staff when you need assistance or have questions. Thanks again for choosing SOWELA Technical Community College. I am confident SOWELA can help you build a brighter future through the achievement of your higher education goals.

Neil Aspinwall

Chancellor
ABOUT SOWELA

SOWELA Technical Community College (SOWELA) is a member of the Louisiana Community and Technical College System and under the governance of the Louisiana Board of Regents.

The course offerings and requirements of SOWELA are continually under examination and revision. This catalog presents the offerings and requirements in effect at the time of publication but makes no guarantee that they will not be changed or revoked. However, adequate and reasonable notice will be given to students affected by any changes. This catalog is not intended to state contractual terms and does not constitute a contract between the student and SOWELA.

SOWELA reserves the right to make changes as required in course offerings, curricula, academic policies and other rules and regulations affecting students, to be effective whenever determined by the institution. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

SOWELA provides the opportunity for students to increase their knowledge by providing programs of instruction in the various disciplines and programs through faculty who are qualified and meet the credentialing requirements of the appropriate accrediting bodies for teaching at the college level. The acquisition and retention of knowledge by any student is, however, contingent upon the student’s desire and ability to learn, and his or her application of appropriate study techniques to any course or program.

EEO/TITLE IX/SECTION 504/ADA

SOWELA does not discriminate on the basis of age, race, religion, color, gender, national origin, or disability. This extends to employment by, admission to, or educational opportunities and benefits provided by the College. SOWELA is an affirmative action/equal opportunity college. It is committed to the education of a non-racially identifiable student body. Inquiries concerning EEO, Title IX, the Rehabilitation Act of 1973 and the American Disabilities Act of 1990 should be directed to the following individuals:

ADA Coordinator Questions: Ms. Christine Collins, Director of Student Support Services whose office is located in the Student Success Center in the Magnolia Building. Ms. Collins can be reached at (337) 421-6974 or via email at christine.collins@sowela.edu.

EEO/Title IX Questions: Dr. FitzPatrick Anyanwu, Executive Director of Office of Planning and Analysis can be located in the Charleston Building. Dr. Anyanwu can be reached at (337) 421-6905 or fitzpatrick.anynwu@sowela.edu.

For specific information related to disability services on SOWELA campus please feel free to contact the Office of Student Support Services at (337) 421-6974.

ACCREDITATION

SOWELA Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees, diplomas, and certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of SOWELA Technical Community College.

Normal inquiries about SOWELA Technical Community College such as admission requirements, financial aid, educational programs, etc., should be addressed directly to the institution and not to the Commission’s office. The Southern Association of Colleges and Schools Commission on Colleges is to be contacted only if there is evidence that appears to support an
institution’s significant non-compliance with a requirement or standard.

SOWELA also offers programs that are accredited by professional licensing bodies as well as industry or discipline specific associations. Organizations that accredit programs offered at SOWELA include the following:

1. Association of Technology, Management and Applied Engineering
2. Certified Nurse Assistant Registry
3. Federal Aviation Administration
4. Louisiana State Board of Practical Nurse Examiners
5. National Automotive Technicians Educational Foundation
6. American Culinary Federation Education Foundation
7. Louisiana State Board of Nursing
8. Accreditation Commission for Education in Nursing

HISTORY

Since 1938, SOWELA has served the people of Southwest Louisiana with higher education and training opportunities. Originally, the College was established to prepare individuals for a specific vocation through technical training. Today, however, SOWELA is a comprehensive technical community college that offers students a holistic higher education experience from professionally trained professors through state-of-the-art facilities and numerous student-led organizations and internship opportunities.

Our Timeline:

In 1962, the name was changed to SOWELA (Southwest Louisiana) Technical Institute due to the expansion of facilities, growth of the student body, increased curricula, and the need for additional technical education.

In 1971, SOWELA Technical Institute gained significant recognition with accreditation from the Commission on Occupational Education (COE) Institutions of the Southern Association of Colleges and Schools, a prestigious educational accrediting agency in the United States.

SOWELA Technical Institute moved to its present location near Chennault International Airport on the east side of Lake Charles, La. in January 1980. The institute was renamed SOWELA Regional Technical Institute in March 1990, as it served as the regional center for Region Five. By the 1990s, SOWELA was among the largest and most progressive post-secondary technical colleges in the state of Louisiana.

On July 27, 1995, the school was renamed again to Louisiana Technical College - SOWELA Campus, and in 2003, the Louisiana Community and Technical College System (LCTCS) Board of Supervisors changed the status of Louisiana Technical College - SOWELA Campus to SOWELA Technical Community College, giving it the status of a technical community college.

LCTCS approved the transfer of the Morgan Smith campus in Jennings from Central Louisiana Technical College to SOWELA on July 1, 2011. A new building was constructed at a different location for the Jennings facility in 2017.

SOWELA received accreditation from the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), the regional body for accreditation of degree-granting higher education institutions in the Southern states. For our students, this means an increase in the transferability of coursework and assurance that curriculum meets the rigorous standards set forth from the accrediting body.

On July 1, 2018, SOWELA transitioned an existing campus in Oakdale, formerly under the umbrella of Central Louisiana Technical Community College (CLTCC), into its operations. Through this acquisition, SOWELA expanded its outreach and program offerings in the five-parish area of Southwest Louisiana.
Throughout the College’s over 80-year history, the mission and core values have remained the same—to meet the educational and training needs of the community we serve. Today, SOWELA provides traditional, distance, and lifelong learning experiences and awards associate degrees, technical diplomas, and certificates that empower learners in transfer, career, and technical education to excel as globally competitive citizens.

INSTITUTIONAL MISSION
SOWELA Technical Community College provides traditional, distance and lifelong learning experiences and awards associate degrees, technical diplomas, and certificates that empower learners in transfer, career, and technical education to excel as globally competitive citizens.

INSTITUTIONAL VISION
SOWELA Technical Community College models excellence in teaching, training, and service.

INSTITUTIONAL VALUES
SOWELA Technical Community College values: Student Success, Integrity, Collaboration, Innovation, Access, and Diversity.

SERVICE AREA
SOWELA Technical Community College’s Main Campus is located at 3820 Sen. J. Bennett Johnston Avenue in Lake Charles, Louisiana. The Main Campus is located in Calcasieu Parish and serves citizens of Allen, Beauregard, Calcasieu, Cameron, and Jefferson Davis Parishes. SOWELA also operates off-campus sites.

The Morgan Smith site is located at 2110 North Sherman Street in Jennings, Louisiana, 70546.

The Oakdale site is located at 117 Highway 1152 in Oakdale, Louisiana 71463.

GOVERNING BOARD
SOWELA Technical Community College is a part of the Louisiana Community and Technical College System (LCTCS), a division of the Board of Regents of the State of Louisiana. Members of the Board of Supervisors of the LCTCS are listed below.

Chair - Stephen Toups
First Vice Chair - Paul Price, Jr.
Second Vice Chair - Willie Mount
Helen Bridges Carter
Tari T. Bradford
Rhoman J. Hardy
Timothy W. Hardy
Alterman “Chip” Jackson
Erika McConduit
Michael “Mickey” Murphy
Joe Potts
Stanton Salathe
Mark D. Spears, Jr.
Craig Spohn
Stephen Smith
Vincent St. Blanc III

Student Board Members:
Samantha Rushlow Shanco Williams

FREQUENTLY ASKED QUESTIONS
When is registration?
To learn about registration, students should review the Academic Calendar, located under the “Quick Links” menu on the SOWELA website, or visit the Enrollment Services One Stop Center located in the Sycamore Student Services Building.

How long must an individual reside in Louisiana before being considered a resident?
Individuals must reside and/or work in Louisiana for at least one year (365 days) immediately preceding the first official day of classes for the semester they wish to attend. Refer to the SOWELA website for the Academic Calendar.
Do I have to take the SOWELA Placement Test if I have ACT or SAT scores?

If you have ACT or SAT test scores, taken within the last three years, that meet the requirements of the Board of Regents, you may not be required to take SOWELA’s Placement Test. If you have transfer credit in college-level English and Mathematics, you may receive a waiver from the placement test. New students will receive advisement regarding the SOWELA Placement Test during their advisement appointment.

I do not want to receive credit for classes. Am I required to complete an application?

Yes, all students must complete an Application for Admission in order to register at SOWELA. After completing the application process, a student can either enroll for or audit a credit class.

Students enrolling for non-credit courses offered by the Office of Economic and Workforce Solutions should inquire with office personnel at (337) 421-6964.

How do I obtain a SOWELA transcript for another institution or an employer?

All transcript requests should be completed through the National Student Clearinghouse. The link to order a transcript can be found on SOWELA’s website under the Registrar’s Office link located under the Admissions tab. The fee for an official transcript is $3.00 per destination.

Where should other institutions of higher education send transcript(s) and application materials?

Other institutions should send transcripts to SOWELA Technical Community College, Enrollment Services One Stop Center, P.O. Box 16950, Lake Charles, LA 70616.

How do I register for online courses?

Students can apply to take online courses the same way they apply to enroll in other college courses.

Does SOWELA offer childcare for students’ children?

Currently, the College does not offer childcare services. However, there are qualified and reliable childcare facilities located in close proximity to the campus.

Is it necessary to have a SOWELA identification card?

All students are required to carry a SOWELA ID Card in order to check out books, print/copy, and use other services offered by the College. Some local merchants offer discounts to SOWELA students. To take advantage of the offers, a student ID card must be presented.

How do I qualify for the Dean’s List?

To qualify for the Dean’s List, a student must complete a minimum of twelve (12) or more credit hours in a fall or spring semester (six credit hours in summer), excluding transitional courses. A student must also earn a semester grade point average (GPA) of 3.5 or higher with no letter grade lower than a “C”. Grades earned in transitional classes are excluded from the GPA for the Dean’s List.

How do I join a student club/organization?

To join a club/organization, a student should complete an application for that club/organization in the Office of Student Support Services. The application will be forwarded to the club’s advisor, who will contact the prospective member.

Where do I obtain an application for federal financial aid (FAFSA)?

To obtain an application, visit the Enrollment Services One Stop Center located in the Sycamore Student Center or go online to www.fafsa.ed.gov.
What scholarships are available, and where can I apply?

All students are encouraged to complete and submit an online scholarship application found at www.sowela.edu/scholarships. Scholarships are awarded based on the availability of funds and, for named scholarships, also upon the criteria specified by donors. For information, visit the Enrollment Services One Stop Center.

How do I activate my SOWELA email?

Under quick links on the home page, click student email. Your email address is the same as your LoLA username. The default password is your first and last initials, date of birth, P@ss. So John Doe, whose username is johndoe5 born on July 4, 1980 would enter johndoe5@students.sowela.edu for his username and jd070480P@ss as his password. For assistance, send your LoLA ID#, Username, and Date of Birth to help@sowela.edu. (Emails are not created until after you have registered for your first class).

What if I already have a Gmail account?

You will need to open the browser and go to your gmail account. Log out, then choose sign in as a different user or add an account.

Who is eligible for online classes?

Online classes are available for people who cannot attend in-person class on a regular basis due to issues such as transportation, child care or work schedules. To be eligible for online classes, those interested must meet the following criteria:

- Must have access to a reliable computer with internet (preferably broadband) access (home, library, etc.)
- Must be able to schedule at least 6-9 hours per week per course to work independently on computer-based and / or paper-based assignments.

- Must check-in, via STUDENT e-mail or the in-course site messaging system, at least once a week with the online instructor.

Visit https://www.sowela.edu/student-life/sowela-online/ for more information.

ADULT BASIC EDUCATION AND HiSET (GED) PREPARATION

What is Adult Basic Education?

Adult basic education (ABE) is instruction designed to help adults improve their reading, writing and mathematics skills; achieve the minimum education level of a high school diploma or equivalent; or improve their speaking, reading, writing or listening skills so that they may gain employment commensurate with their real ability.

Does SOWELA offer HiSET preparation classes?

SOWELA partners with the Literacy Council of Southwest Louisiana (1-888-LIT-SWLA) to offer ABE and HiSET preparation classes at both the campus in Lake Charles and the Morgan Smith Site in Jennings. Classes are also available in Deridder, Grand Lake, Sulphur, and online classes. In addition, SOWELA also offers ABE and HiSet preparation classes at the Oakdale Instructional Site (318-335-3944).

Who is eligible to participate in ABE or HiSET classes?

Anyone over the age of 18 who is not attending a K-12 school is eligible to participate in classes. Students, ages 16 and 17, may attend classes if they receive an approved waiver from the local school district. Prospective students should contact the Literacy Council or the SOWELA Oakdale Instructional Site for more information.
How does a person register for ABE or HiSET classes?

Call the site closest to you to register for an upcoming new student testing session.

- DeRidder (337) 348-4712
- Grand Lake (337) 598-5334
- Jennings (337) 421-6579
- Lake Charles (337) 494-7000
- Literacy Council at SOWELA (337) 421-6578 (Mon - Thurs 9:00 a.m. to 1:00 p.m.)
- Oakdale (318) 335-3944

How much does class cost?

There is an annual $30 registration fee due at new student testing at locations of the Literacy Council. No class fees are charged at the Oakdale Instructional Site. Fees are charged to take the HiSET exam but scholarships may be available to cover this expense.

How long will it take me to earn the HiSET?

The amount of time it will take you to be ready to pass the HiSET exam will depend on the balance between your program entrance scores and the amount of time you spend studying the material each week. To help you attain your HiSET as quickly as possible, we ask that you make a strong commitment by attending classes regularly, taking the pre- and post-assessments and completing all assignments.

Can I take college level courses at SOWELA while I work on my HiSET?

Adults enrolled in adult basic education classes who test at or above the high intermediate level may be eligible to enroll in college level courses at SOWELA while they work on the HiSET through a state funded program called Work Ready U. In some cases, adult basic education students may qualify for a “5 for Six” scholarship.

Where are classes offered?

- Lake Charles: Central School / Literacy Council, 809 Kirby St., Suite 126.
- Lake Charles: SOWELA Main Campus: 3820 Senator J. Bennett Johnston Ave.
- Grand Lake: CCOA Site--965 Hwy 384.
- Jennings: SOWELA Morgan Smith Instructional Site, 2110 North Sherman Street.
- DeRidder: Beauregard Education Link / First Street School--401 West First St.
- Sulphur: Old School Community Center (old D.S. Perkins School), 565 N. Crocker Street.
- Oakdale: SOWELA Oakdale Instructional site, 117 Highway 1152.

Is the HiSET offered at SOWELA?

Yes. SOWELA has paper and computer-based HiSET testing available on the main campus. Paper-based testing is also offered at the Morgan Smith Instructional Site in Jennings, LA.

Do I have to attend class to take the HiSET?

It is recommended that anyone who is not “HiSET Ready” participate in instruction prior to taking the exam. After intake-testing and orientation, anyone who is HiSET Ready is assisted with fast-track test preparation and scheduling the HiSET exam.
FALL 2020 SEMESTER
Full-Term Session (Subject to Change)
August 17 – December 9, 2020

March 30-April 3 (Mon –Fri) ................................................................. Advising Week
April 6 (Mon) ......................................................................................... Registration for Fall 2020 begins at 8:00 a.m.
Ends at 11:59 p.m. 08/10/2020

August 10 (Mon) ................................................................................. Registration for Fall 2020 ends at 11:59 p.m.
August 10 (Mon) ................................................................................ Faculty returns to campus
August 11 (Tues) .............................................................................. Payment Deadline for Fall 2020
4:45 p.m. at One Stop or 11:59 p.m. online

August 11 (Tues) .............................................................................. Deadline to enroll in Installment Payment Plan
for Fall 2020 Registration ends at 11:59 p.m. online
August 12 (Wed) ............................................................................. Classes dropped for non-payment
August 12 – 19 (Wed – Wed) ............................................................. Late Registration begins and Add/Drop reopens at 1:00 p.m. on 08/14/20
Both end at 11:59 p.m. 08/21/20

August 17 (Mon) ............................................................................... Classes Begin
August 17 – 19 (Mon – Wed) ............................................................. 100% Tuition Adjustment Period
August 19 (Wed) ............................................................................. Late Registration and Add/Drop end at 11:59 p.m.
August 20 (Thurs) ......................................................................... Late Registration Payment Deadline for Fall 2020
4:45 p.m. at One Stop or 11:59 p.m. online
August 20 (Thurs) ............................................................................. Deadline to enroll in Installment Payment Plan
for Fall 2020 Late Registration ends at 11:59 p.m. online
August 20 – 24 (Thurs – Mon) ............................................................. 75% Tuition Adjustment Period
August 21 (Fri) ................................................................................ Classes dropped for non-payment
August 25 – August 27 (Tues – Thurs) ........................................... 50% Tuition Adjustment Period
August 28 (Fri) ............................................................................ Instructors submit final Show/No Show Reports
August 28 - September 1 (Fri – Tues) ...................................................... 25% Tuition Adjustment Period
August 31 (Mon) ................................................................................ Classes dropped for non-attendance
September 1 (Tues) ........................................................................... Last Day to Drop Classes and Receive a Tuition Adjustment
September 3 (Thurs) ........................................................................... 14th Instructional Day/Reporting Day
September 7 (Mon) ........................................................................... Labor Day Holiday
September 11 (Fri) ........................................................................... Convocation (1:00-4:00)

August - September Survey of Entering Student Engagement
(Sections of ENGL 0098, 0099, 1010, and MATH 0098, 0099, and 1100 are selected by SENSE to participate in the survey which takes approximately 45 minutes.
The exact dates of administration are also determined by SENSE.)

October 8 (Thurs) ............................................................................... Midterm Grades Due
October 9 - 12 (Fri - Mon) ............................................................................. Fall Break
October 26 (Mon) .............................................................................. Last Day to Withdraw from the College or from Full-term Classes
October 26 – 30 (Mon – Fri) ................................................................. Advising Week
November 2 (Mon) .............................................................................. Registration for Spring 2021 begins at 8:00 a.m.
Ends at 11:59 p.m. 01/04/21

October 26-November 20 (Mon-Fri) .......Administration of Online Student Survey of Instruction
November 23 – 27 (Mon - Fri) ................................................................... Thanksgiving Holiday
December 1 (Fri) ..............Last Day of Classes (Refer to the Final Exam Schedule for times of exams)
December 2 – 8 (Wed – Tue) .................................................................... Final Exams Period
December 9 (Wed) .............................................................................. Fall Semester Ends and Grades Due at Noon
December 9 (Wed) .............................................................................. Deadline for Removal of Incompletes from Summer 2020
December 15 (Fri) .............................................................................. Grades available on web for students
December 18 (Fri) .............................................................................. Fall 2020 Commencement
SOWELA Technical Community College

Fall 2020 Semester
1st 7-Week Session (Session 7A) (Subject to Change)
August 17 – October 8, 2020

April 6 (Mon) ........................................................ Registration for Session 7A begins at 8:00 a.m.
August 10 (Mon) ........................................................ Registration for Session 7A ends at 11:59 p.m.
August 11 (Tues) ........................................................ Payment Deadline for Session 7A
4:45 p.m. at One Stop or 11:59 p.m. online
August 11 (Tues) ........................................................ Deadline to enroll in Installment Payment Plan
for Session 7A Registration 11:59 p.m. online
August 12 (Wed) ........................................................ Classes dropped for non-payment
August 12 – 19 (Wed – Wed) ........................................... Late Registration open for Session 7A
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 08/12/20
Both end at 11:59 p.m. 08/19/20
August 17 (Mon) ........................................................ Classes Begin for Session 7A
August 17 – 18 (Mon – Tues) ...................................... 100% Tuition Adjustment Period for Session 7A
August 19 (Wed) ........................................................ Late Registration and Add/Drop end at 11:59 p.m.
August 19 (Wed) ........................................................ 75% Tuition Adjustment Period for Session 7A
August 20 (Thurs) .................................................. Late Registration Payment Deadline for Session 7A
4:45 p.m. at One Stop or 11:59 p.m. online
August 20 (Thurs) ........................................................ Deadline to enroll in Installment Payment Plan
for Session 7A Late Registration 11:59 p.m. online
August 20 - 21 (Thurs – Fri) ...................................... 50% Tuition Adjustment Period for Session 7A
August 21 (Fri) ........................................................ Classes dropped for non-payment
August 22 - 24 (Sat – Mon) ........................................... 25% Tuition Adjustment Period for Session 7A
August 24 (Mon) ........................................................ Last Day to Drop Classes and Receive a Tuition Adjustment
August 24 (Mon) ........................................................ Instructors submit final Show/No Show Reports
August 25 (Tues) ........................................................ Classes dropped for non-attendance
August 25 (Tues) ........................................................ 7th Instructional Day/Reporting Day
September 7 (Mon) .................................................. Labor Day Holiday
September 11(Fri) ....................................................... Midterm Grades Due
September 11 (Fri) ....................................................... Convocation (1:00-4:00) Tentative
August - September Survey of Entering Student Engagement
(Sections of ENGL 0098, 0099, 1010, and MATH 0098, 0099, 1100 are selected by
SENSE to participate in the survey which takes approximately 45 minutes.
The exact dates of administration are also determined by SENSE.)
September 21 – 28 (Mon – Mon) ................ Administration of Online Student Survey of Instruction
September 21 (Mon) .............................................. Last Day to Withdrew from classes in Session 7A
October 6 (Tues) ........................................................ Last Day of Classes for Session 7A
October 7 (Wed) ....................................................... Final Exams for Session 7A
October 8 (Thurs) ....................................................... Grades due at Noon for Session 7A

21
Fall 2019 Semester
2nd 7-Week Session (Session 7B) with Fall Break
(Subject to Change)
October 13 – December 9, 2020

April 6 (Mon)................................................................. Registration for Session 7B begins at 8:00 a.m.
August 10 (Mon)......................................................... Registration for Session 7B closes (temporarily) at 11:59 p.m.
August 24 (Mon)........................................................ Registration for Session 7B reopens at 8:00 a.m.
October 8 (Thurs)......................................................... Registration for Session 7B ends at 11:59 p.m.
October 8 (Thurs).......................................................... Payment Deadline for Session 7B
4:45 p.m. at One Stop Enrollment Center
or 11:59 p.m. online 10/12/2020

Note: No separate Installment Payment Plan is available for Session 7B

October 13 (Tues)........................................................... Classes dropped for non-payment
October 13 - 15 (Tues - Thurs) ................................. Late Registration open for Session 7B
Late Registration begins and Add/Drop
reopens at 1:00 p.m. on 10/13/2020
Both end at 11:59 p.m. on 10/15/2020

October 13 (Tues)........................................................... Classes Begin for Session 7B
October 13 - 14 (Tues - Wed).................................... 100% Tuition Adjustment Period for Session 7B
October 15 (Thurs)....................................................... Late Registration and Add/Drop end at 11:59 p.m.
October 15 (Thurs)....................................................... 75% Tuition Adjustment Period for Session 7B
October 16 (Fri) ............................................................. Late Registration Payment Deadline for Session 7B
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online
October 16 - 19 (Fri - Mon)......................................... 50% Tuition Adjustment Period for Session 7B
October 19 (Mon).......................................................... Classes dropped for non-payment
October 20 (Tues).......................................................... 25% Tuition Adjustment Period for Session 7B
October 20 (Tues)......................................................... Last Day to Drop Classes and Receive a Tuition Adjustment
October 20 (Tues)......................................................... Instructors submit final Show/No Show Reports
October 21 (Wed)........................................................... Classes dropped for non-attendance
October 21 (Wed)........................................................... 7th Instructional Day/Reporting Day
November 9 (Mon)........................................................ Midterm Grades Due
November 12 - 26 (Thurs - Thurs)......................... Administration of Online Student Survey of Instruction
November 17 (Tues)..................................................... Last Day to Withdraw from classes in Session 7B
November 23 - 27 (Mon - Fri)..................................... Thanksgiving Holiday
December 7 (Mon)........................................................ Last Day of Classes for Session 7B
December 8 (Tues)....................................................... Final Exams for Session 7B
December 9 (Wed)....................................................... Grades Due at Noon for Session 7B
Winter Intersession 2020
December 10, 2020 - January 6, 2021

November 2 (Mon)..........................Registration for Winter Intersession 2020 begins at 8:00 a.m.
December 4 (Fri) ........................................Winter Intersession Registration closes at 11:59 p.m.
December 4 (Fri) ..................................Payment Deadline for Winter Intersession 2020
4:45 p.m. on 12/04/2020 at One Stop Enrollment Center
or 11:59 p.m. on 12/06/2020 online
Note: No separate Installment Payment Plan is available for Winter Intersession

December 7 (Mon)........................................Classes dropped for non-payment
December 7 - 13 (Mon - Sun).....................Late Registration open for Winter Intersession
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 12/07/2020
Both end at 11:59 p.m. on 12/13/2020

December 10 (Thurs) ........................................Classes Begin
December 10 (Fri) ..................................Late Registration Payment Deadline for Winter Intersession
4:45 p.m. on 12/11/2020 at One Stop Enrollment Center
or 11:59 p.m. on 12/13/2020 online

December 10 - 13 (Thurs - Sun)..........................100% Tuition Adjustment Period
December 14 (Mon)........................................Classes dropped for non-payment
December 14 (Mon) ..................................75% Tuition Adjustment Period
December 15 - 16 (Tues - Wed).....................50% Tuition Adjustment Period
December 17 (Thurs) ..................................25% Tuition Adjustment Period
December 17 (Thurs) ..............................Last Day to Drop Classes and Receive a Tuition Adjustment
December 18 (Fri) .....................................Instructors submit final Show/No Show Reports
December 18 (Fri) ...................................Classes dropped for non-attendance
December 25 (Fri) .......................................7th Instructional Day/Reporting Day
December 26 - January 2 (Sat - Sat)..........Administration of Online Student Survey of Instruction
December 29 (Tues) .....................................Last Day to Withdraw from Winter Intersession
January 4 (Mon) .....................................Last Day of Classes
January 5 (Tues) .....................................Final Exams for Winter Intersession
January 6 (Wed) .....................................Winter Intersession Ends and Grades Due at Noon
Spring 2021 Semester
Full-Term Session
January 11 - May 10, 2021

October 26 - 30 (Mon - Fri)......................... Advising Week
November 2 (Mon)................................. Registration for Spring 2021 begins at 8:00 a.m.
Ends at 11:59 p.m. on 01/04/2021

January 4 (Mon)................................. Faculty returns to campus
January 4 (Mon)................................. Registration for Spring 2021 ends at 11:59 p.m.
January 5 (Tues)................................. Payment Deadline for Spring 2021
4:45 p.m. at the One Stop Enrollment Center or 1:59 p.m. online
January 5 (Tues)................................. Deadline to enroll in Installment Payment Plan
for Spring 2021 Registration 11:59 p.m. online
January 6 (Wed)................................. Classes dropped for non-payment
January 6 - 13 (Wed - Wed).................. Late Registration opens for Spring 2021
Last registration begins and Add/Drop reopens at 1:00 p.m. on 01/06/2021
Both end at 11:59 p.m. on 01/13/2021

January 11 (Mon)................................. Classes begin
January 11 - 13 (Mon - Wed).................. 100% Tuition Adjustment Period
January 13 (Wed)................................. Late Registration and Add/Drop end at 11:59 p.m.
January 14 (Thurs)................................. Late Registration Payment Deadline for Spring 2021
4:45 p.m. at the One Stop Enrollment Center or 11:59 p.m. online
January 14 (Thurs)................................. Deadline to enroll in Installment Payment Plan
for Spring 2021 Late Registration 11:59 p.m. online
January 14 - 19 (Thurs - Tues)................... 75% Tuition Adjustment Period
January 15 (Fri)................................. Classes dropped for non-payment
January 18 (Mon)................................. Martin Luther King, Jr. Holiday
January 20 - 22 (Wed - Fri)................... 50% Tuition Adjustment Period
January 23 - 27 (Sat - Wed)................... 25% Tuition Adjustment Period
January 25 (Mon)................................. Instructors submit final Show/No Show Reports
January 26 (Tues)................................. Classes dropped for non-attendance
January 27 (Wed)................................. Last Day to Drop Classes and Receive a Tuition Adjustment
January 29 (Fri)................................. 14th Instructional Day/Reporting Day
February 15 - 17 (Mon - Wed).................. Mardi Gras Holiday
March 8 (Mon)................................. Midterm Grades Due
Mid-March - Early May......................... Community College Survey of Student Engagement
(Class sections will be randomly selected by CCSSE to participate in the survey which takes approximately 45 minutes. The exact dates of administration are also determined by CCSSE.)
March 22 (Mon)................................. Last Day to Withdraw from the College or from Full-term Classes
March 20 - April 4 (Sat - Sun)................ Administration of Online Student Survey of Instruction
March 29 - April 1 (Mon - Thurs)................ Advising Week
April 2 - 9 (Fri - Fri)................................. Spring Break
April 12 (Mon)......................... Registration for Summer 2021 and Fall 2021 begins at 8:00 a.m.
                                Summer 2021 Registration ends at 11:59 p.m. on 05/25/2021
                                Fall 2021 Registration ends at 11:59 p.m. on 08/10/2021
April 14 (Wed)................................................................. SSI Results available for School Deans
April 30 (Fri)......................... Last Day of Classes (Refer to the Final Exam Schedule for times of exams.)
May 3 - 7 (Mon - Fri)................................................................. Final Exams Week
May 10 (Mon)................................................................. Spring Semester Ends and Grades Due at Noon
May 10 (Mon)..............................Deadline for Removal of Incompletes from Fall Semester 2020
May 14 (Fri) ................................................................. Grades available on web for students
May 18 (Tues)................................................................. Spring 2021 Commencement
Spring 2021 Semester  
1st 7-Week Session (Session 7A)  
January 11 - March 8, 2021

November 2 (Mon)...................................................... Registration for Session 7A begins at 8:00 a.m.  
Ends at 11:59 p.m. on 01/04/2021  
January 4 (Mon) ........................................................ Registration for Session 7A ends at 11:59 p.m.  
January 5 (Tues).......................................................... Payment Deadline for Session 7A  
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online  
January 5 (Tues)...................................................Deadline to enroll in Installment Payment Plan  
for Session 7A Registration 11:59 p.m. online  
January 6 (Wed) ........................................................ Classes dropped for non-payment  
January 6 - 13 (Wed - Wed)................................. Late registration open for Session 7A  
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 01/06/2021  
Both end at 11:59 p.m. on 01/13/2021  
January 11 (Mon)............................................................ Classes begin for Session 7A  
January 11 - 12 (Mon - Tues) .............................. 100% Tuition Adjustment Period for Session 7A  
January 13 (Wed) .....................................................Late Registration and Add/Drop end at 11:59 p.m.  
January 13 (Wed) ................................................... 75% Tuition Adjustment Period for Session 7A  
January 14 (Thurs)........................................ Late Registration Payment Deadline for Session 7A  
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online  
January 14 (Thurs)...........................................Deadline to enroll in Installment Payment Plan for Session 7A  
Late Registration 11:59 p.m. online  
January 14 - 15 (Thurs - Fri)................................. 50% Tuition Adjustment Period for Session 7A  
January 15 (Fri)........................................................ Classes dropped for non-payment  
January 16 - 19 (Sat - Tues) ......................... 25% Tuition Adjustment Period for Session 7A  
January 18 (Mon) ..................................................... Martin Luther King, Jr. Holiday  
January 19 (Tues) ........................................... Last Day to Drop Classes and Receive a Tuition Adjustment  
January 19 (Tues) ............................................. Instructors submit final Show/No Show Reports  
January 20 (Wed) ................................................... Classes dropped for non-attendance  
January 20 (Wed) .................................................. 7th Instructional Day/Reporting Day  
February 5 (Fri) ........................................................ Midterm Grades Due  
February 15 - 17 (Mon - Wed)............................ Mardi Gras Holiday  
February 18 (Thurs) ........................................... Last Day to Withdraw from Classes in Session 7A  
February 19 - March 5 (Fri - Fri) ............... Administration of Online Student Survey of Instruction  
March 4 (Thurs) ........................................................ Last Day of Classes for Session 7A  
March 5 (Fri) .......................................................... Final Exams for Session 7A  
March 8 (Mon) ....................................................... Grades Due at Noon for Session 7A
Spring 2021 Semester
2nd 7-Week Session (Session 7B)
March 9 - May 10, 2021

November 2 (Mon)............................... Registration for Session 7B begins at 8:00 a.m.
January 4 (Mon) ......................... Registration for Session 7B closes (temporarily) at 11:59 p.m.
January 19 (Tues)................................. Registration for Session 7B reopens at 8:00 a.m.
March 8 (Mon).................................................. Registration for Session 7B ends at 11:59 p.m.
March 8 (Mon)................................................. Payment Deadline for Session 7B

4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online

Note: No separate Installment Payment Plan is available for Session 7B

March 9 (Tues) ............................................... Classes dropped for non-payment
March 9 - 11 (Tues - Thurs).......................... Late Registration open for Session 7B
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 03/09/2021
Both end at 11:59 p.m. on 03/11/2021

March 9 (Tues) ........................................... Classes Begin for Session 7B
March 9 - 10 (Tues - Wed)............... 100% Tuition Adjustment Period for Session 7B
March 11 (Thurs)................................. Late Registration and Add/Drop end at 11:59 p.m.
March 11 (Thurs)................................. 75% Tuition Adjustment Period for Session 7B
March 12 (Fri) .............................................. Late Registration Payment Deadline for Session 7B

4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online

March 12 - 15 (Fri - Mon)....................... 50% Tuition Adjustment Period for Session 7B
March 15 (Mon)............................................. Classes dropped for non-payment
March 16 (Tues)................................. 25% Tuition Adjustment Period for Session 7B
March 16 (Tues)............................... Last Day to Drop Classes and Receive a Tuition Adjustment
March 16 (Tues)................................. Instructors submit final Show/No Show Reports
March 17 (Wed)........................................... Classes dropped for non-attendance
March 17 (Wed)............................................. 7th Instructional Day/Reporting Day

Mid-March - Early May Community College Survey of Student Engagement
(Class sections will be randomly selected by CCSSE to participate in the survey which takes approximately 45 minutes. The exact dates of administration are also determined by CCSSE.)
April 2 - 9 (Fri - Fri).......................... Spring Break
April 13 (Tues)............................... Midterm Grades Due
April 21 (Wed)............................... Last Day to Withdraw from classes in Session 7B
April 26 - May 10 (Mon - Mon)...... Administration of Online Student Survey of Instruction
May 6 (Thurs)............................... Last Day of Classes for Session 7B
May 7 (Fri)............................... Final Exams for Session 7B
May 10 (Mon)............................... Grades Due at Noon for Session 7B
Summer 2021 Session
Full Session
May 31 - July 23, 2021

March 29 - April 1 (Mon - Thurs) ................................................................. Advising Week
April 5 (Mon).......................... Registration for Summer 2021 and Fall 2021 begins at 8:00 a.m.
                        Summer Registration ends at 11:59 p.m. at 05/25/2021
                        Fall Registration ends at 11:59 p.m. at 08/09/2021
May 25 (Tues).......................... Registration for Summer 2021 ends at 11:59 p.m.
May 25 (Tues).......................... Payment Deadline for Summer 2021
                        4:45 p.m. at the One Stop Enrollment Center of 11:59 p.m. online
May 25 (Tues).......................... Deadline to enroll in Installment Payment Plan
                        for Summer 2021 Registration 11:59 p.m. online
May 26 (Wed).......................... Classes dropped for non-payment
May 26 - June 1 (Wed - Tues).......................... Late Registration open for Summer 2021
                        Last registration begins and Add/Drop reopens at 1:00 p.m. on 05/26/2021
                        Both end at 11:59 p.m. on 06/01/2021
May 31 (Mon).......................... Classes begin
May 31 - June 1 (Mon - Tues).......................... 100% Tuition Adjustment Period
June 1 (Tues).......................... Late Registration and Add/Drop end at 11:59 p.m.
June 1 (Tues).......................... Late Registration Payment Deadline for Summer 2021
                        4:45 p.m. at the One Stop Enrollment Center of 11:59 p.m. online
June 1 (Tues).......................... Deadline to enroll in Installment Payment Plan
                        for Summer 2021 Late Registration 1:59 p.m. online
June 2 (Wed).......................... Classes dropped for non-payment
June 2 (Wed).......................... 75% Tuition Adjustment Period
June 3 - 4 (Thurs - Fri).......................... 50% Tuition Adjustment Period
June 3 (Thurs).......................... Instructors submit final Show/No Show Reports
June 5 - 7 (Sat - Mon).......................... 25% Tuition Adjustment Period
June 7 (Mon).......................... Classes dropped for non-attendance
June 7 (Mon).......................... Last Day to Drop Classes and Receive a Tuition Adjustment
June 8 (Tues).......................... 7th Instructional Day/Reporting Day
June 25 (Fri).......................... Midterm Grades Due
July 5 (Mon).......................... July 4th Holiday Observed
July 2 (Fri).......................... Last Day to Withdraw from the College or from Full-term Classes
July 12 - 16 (Mon - Fri).......................... Administration of Online Student Survey of Instruction
July 20 (Tues).......................... Last Day of Classes (Refer to the Final Exam Schedule for times of exams.)
July 21 - 22 (Wed - Thurs).......................... Final Exam Days
July 23 (Fri).......................... Summer Session Ends and Grades Due at Noon
July 23 (Fri).......................... Deadline for Removal of Incompletes from Spring Semester 2021
July 29 (Thurs).......................... Grades available on web for students
Summer 2021 Session
1st 4-Week Session (Session 4A)
May 31 - June 25, 2021

April 5 (Mon)..............................................................Registration for Session 4A begins at 8:00 a.m.
May 25 (Tues)..............................................................Registration for Session 4A ends at 11:59 p.m.
May 25 (Tues)..............................................................Payment Deadline for Session 4A
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online
May 25 (Tues)..............................................................Deadline to enroll in Installment Payment Plan
for Session 4A Summer 2021 Registration
May 26 (Wed) ...................................................................... Classes dropped for non-payment
May 26 - June 1 (Wed - Tues) ........................................ Late Registration open for Session 4A
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 05/26/2021
Both end at 11:59 p.m. on 06/01/2021
May 31 (Mon) .................................................................. Classes Begin
May 31 - June 1 (Mon - Tues) .................................... 100% Tuition Adjustment Period for Session 4A
June 1 (Tues)..............................................................Late Registration and Add/Drop end at 11:59 p.m.
June 1 (Tues)..............................................................Late Registration Payment Deadline for Session 4A
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online
June 2 (Wed) ...................................................................... 75% Tuition Adjustment Period for Session 4A
June 2 (Wed) ...................................................................... Classes dropped for non-payment
June 3 - 4 (Thurs - Fri)................................................ 50% Tuition Adjustment Period for Session 4A
June 5 - 7 (Sat - Mon) ..................................................... 25% Tuition Adjustment Period for Session 4A
June 7 (Mon) .............................................................. Last Day to Drop Classes and Receive a Tuition Adjustment
June 7 (Mon) ..............................................................Instructors submit final Show/No Show Reports
June 8 (Tues) ..............................................................Classes dropped for non-attendance
June 8 (Tues) .............................................................. 7th Instructional Day/Reporting Day
June 14 (Mon) .............................................................. Midterm Grades Due
June 15 - 22 (Tues - Tues) ................................ Administration of Online Student Survey of Instruction
June 16 (Wed) .............................................................. Last Day to Withdraw from classes in Session 4A
June 23 (Wed) .............................................................. Last Day of Classes
June 24 (Thurs) .............................................................. Final Exams for Session 4A
June 25 (Fri) .............................................................. Session 4A Ends and Grades Due at Noon
Summer 2021 Session
2nd 4-Week Session (Session 4B)
June 28 - July 23, 2021

April 5 (Mon) ......................................................... Registration for Session 4B begins at 8:00 a.m.
May 25 (Tues) ......................................................... Registration for Session 4B closes (temporarily) at 11:59 p.m.
June 4 (Fri) ......................................................... Registration for Session 4B reopens at 8:00 a.m.
June 25 (Fri) .......................................................... Registration for Session 4B ends at 11:59 p.m.
June 25 (Fri) .......................................................... Payment Deadline for Session 4B
4:45 p.m. at One Stop Enrollment Center
or online payment by 11:59 p.m. Sunday 06/27/2021
Note: No separate Installment Payment Plan is available for Session 4B
June 27 (Sun) .......................................................... Online Payment Deadline at 11:59 p.m. for Session 4B
June 28 (Mon) .......................................................... Classes dropped for non-payment
June 28 - 29 (Mon - Tues) ............................................ Late Registration open for Session 4B
Late Registration begins and Add/Drop reopens at 1:00 p.m. on 06/28/2021
Both end at 11:59 p.m. on 06/29/2021
June 28 (Mon) .......................................................... Classes Begin
June 29 (Tues) .......................................................... Late Registration Payment Deadline for Session 4B
4:45 p.m. at One Stop Enrollment Center or 11:59 p.m. online
June 28 - 29 (Mon - Tues) ............................................ 100% Tuition Adjustment Period for Session 4B
June 30 (Wed) .......................................................... Classes dropped for non-payment
June 30 (Wed) .......................................................... 75% Tuition Adjustment Period for Session 4B
July 1 - 2 (Thurs - Fri) ............................................. 50% Tuition Adjustment Period for Session 4B
July 5 (Mon) .......................................................... July 4th Holiday Observed
July 6 (Tues) .......................................................... 25% Tuition Adjustment Period for Session 4B
July 6 (Tues) .......................................................... Last Day to Drop Classes and Receive a Tuition Adjustment
July 6 (Tues) .......................................................... Instructors submit final Show/No Show Reports
July 7 (Wed) .......................................................... Classes dropped for non-attendance
July 7 (Wed) .......................................................... 7th Instructional Day/Reporting Day
July 13 (Tues) .......................................................... Midterm Grades Due
July 14 - 21 (Wed - Wed) ........................................... Administration of Online Student Survey of Instruction
July 15 (Thurs) .......................................................... Last Day to Withdraw from classes in Session 4B
July 21 (Wed) .......................................................... Last Day of Classes
July 22 (Thurs) .......................................................... Final Exams for Session 4B
July 23 (Fri) .......................................................... Session 4B Ends and Grades Due at Noon
SOWELA Technical Community College subscribes to the open door mission of the community and technical colleges in Louisiana. The open door policy applies to admission to SOWELA programs which do not have restricted admissions. Procedures for admissions to restricted programs are available upon request. Applicants are encouraged to complete admissions procedures at least thirty days prior to registration. Early application is important since some program enrollments may be limited. There is no application fee. Applications may be submitted by visiting the College website (www.sowela.edu). SOWELA accepts applications throughout the year.

GENERAL ADMISSIONS REQUIREMENTS

All applicants must submit the following items (NOTE: Documents will not be returned once submitted):

1. A completed online application form. The online application must be submitted prior to the first day of classes. Incomplete or false information may jeopardize admission to SOWELA.

2. Proof of Selective Service status. In accordance with the requirements of Louisiana Law R.S. 17:3151 and the Federal Selective Service Act, applicants who are between the ages of 18 and 25 must provide written evidence that they have registered with Selective Service before they will be allowed to register for classes. Acceptable documentation may be a copy of the applicant’s Selective Service Registration card or a printout from the Selective Service web site indicating the applicant’s status.

The following categories of applicants are exempt from this requirement:

- Military personnel currently on active duty in the military
- Veterans who submit a copy of their DD214 discharge certificate

3. Proof of immunization. As required by Louisiana Law R.S. 17:110, all first time students born after 1956 must provide proof of immunization against measles, mumps, rubella, meningitis, tetanus and diphtheria as a condition of enrollment. Students will not be allowed to complete the registration process until they have satisfied the immunization requirement. A waiver may be signed by the student, however, in the event of an outbreak of measles, mumps, rubella, tetanus, or diphtheria on campus, the college will require the students who are not immunized to stop attending classes until the outbreak is over or until they submit proof of adequate immunization.

4. Official college transcripts are not required to become fully admitted to the college; however, students who wish to receive a placement test waiver and/or transfer credit from previously attended colleges should submit official transcripts to the Registrar’s Office. An official transcript is one that is mailed directly from the transferring college to SOWELA or submitted in a sealed envelope from the transferring college. Students are encouraged to request that their transcript be sent electronically to SOWELA from those colleges that participate in the escript system.

ADMISSION OF FIRST-TIME STUDENTS

Applicants must provide an official high school transcript or official high school equivalency scores (GED or HiSET) for admission into the Associate of Nursing and the Practical Nursing program.

Students planning to enroll should request that their ACT scores be sent to the Enrollment Services One Stop Center at SOWELA. SOWELA’S ACT Code is 5064.

ACCUPLACER scores may also be used for placement. Students whose test scores indicate a need for additional preparation in basic skills will be required to enroll in appropriate transi-
tional courses to help prepare them for success in higher level courses.

SOWELA’S placement exams are administered for course placement only and are not used in determining admission to the college except when academic achievement levels are required by a licensure board (i.e. the Louisiana State Board of Practical Nurse Examiners).

ADMISSIONS TO THE PRACTICAL NURSING PROGRAM

Students interested in enrolling in the Practical Nursing program should apply to the College under Practical Nursing. Students must meet the general admission requirements for the Practical Nurse program. Declaring Practical Nurse as your major does not guarantee admission into the program.

ADMISSION TO THE RN PROGRAM

Students interested in enrolling in the ASN RN program will select ASN RN as their major. Students must complete the first semester of prerequisites prior to applying for clinical courses. Students interested in applying for the RN program must meet the program admission requirements. Declaring ASN RN as your major does not guarantee admission into the clinical program.

ADMISSION TO THE LPN TO RN PROGRAM

Students interested in enrolling in the LPN to RN program will select ASN RN as their major. Students must have an unencumbered Louisiana License to Practice as a Licensed Practical Nurse and have completed the first semester of prerequisites prior to applying for clinical courses. Students interested in applying for the LPN to RN program must meet the program admission requirements. Declaring ASN RN as your major does not guarantee admission into the clinical program.

ADMISSION TO THE SURGICAL TECHNOLOGY PROGRAM

Students interested in applying for the Surgical Technology AAS Clinical Program must meet the program admission requirements. Admittance to the program is competitive and based on cumulative GPA of all college transcripts submitted/classes taken. Enrollment in the college or declaring of the Surgical Technology major DOES NOT guarantee admission into the clinical program.

ADMISSION OF INTERNATIONAL STUDENTS

SOWELA welcomes international students and values their contribution to enhancing the cultural diversity of the College. International students are issued a SEVIS form I-20 by SOWELA after the applicant:

1. Completes a SOWELA online admissions application.

2. Meets entrance requirements on SOWELA’S placement test or ACT, or (if the applicant’s native language is not English) scores 450 or more on the paper/pencil Test of English as a Foreign Language (TOEFL) or a 133 on the computerized TOEFL. If the applicant has completed coursework for regular academic credit at another USA institution, it may be used in place of TOEFL.

3. Provides the following documentation to the Enrollment Services One Stop Center:
   a. Birth Certificate or other proof of citizenship.
   b. Documentation of high school completion.
   c. Affidavit of support (INS Form I-134) or SOWELA’s affidavit of support.
   d. Proof of immunization as required of all students.

All documentation must be in English or accompanied by certified translations in English.
Please refer to “Awarding of Transfer Credit” regarding acceptance of transfer credits.

An M-I or an F-1 student must be a full-time student and is not allowed to accept any form of employment. An M-I student has 30 days to depart the United States after completion of his/her course of study. For additional information call (800) 256-0483 or (337) 421-6565.

ADMISSION OF TRANSFER STUDENTS

A transfer student is any student who has been previously enrolled at any college or university. Transfer students may enroll at SOWELA if they are eligible for readmission at the last school attended. To receive credit, transfer students must submit official transcripts to the Registrar’s Office.

Transfer students who have not received a “C” or better in a college-level English Composition and/or College Algebra course may be required to complete the SOWELA Placement Test. Transfer students who receive transfer credit for college-level English and/or Mathematics may be exempted from placement testing in the corresponding courses.

However, where placement scores are required as part of the admissions criteria set by licensure boards (i.e. the Louisiana State Board of Practical Nurse Examiners), no such waiver will be permitted. Information regarding the awarding of transfer credit is included in Academic Policies.

Students who are ineligible to return to their previous colleges may be admitted to SOWELA on probation.

In addition to the general admissions requirements, transfer students are required to submit their high school transcripts if they have not earned at least 12 hours of college level coursework. These earned hours must be evident on the official transcript from the transferring institution.

ADMISSION OF READMIT STUDENTS

Students who have once attended SOWELA, but have not been enrolled for a full semester (with the exception of the summer semester), must submit a new Application of Admission. The student will be following the current degree requirements in the catalog in which they enroll. If the enrolling student has attended another university/college during the lapsed period, a transcript from that institution is required. Students applying for readmission are subject to the most current fees.

EARLY ADMISSIONS

Students may be able to take classes at SOWELA while still in high school as part of our Early Admissions Program. Students currently enrolled as juniors or seniors in high school or who are home schooled in BESE approved home schools may qualify to attend SOWELA if the following requirements are met:

- Grade Point Average of 3.000 (out of a 4.000) system
- A letter from the high school counselor or principal recommending them for enrollment. Homeschool students must have a letter from someone outside the home that is aware of the student’s academic progress.
- An official high school transcript. Documentation of approval for homeschooling from BESE will also be accepted.
- Students must meet all college admission and registration requirements and procedures.
- Students must meet college-level entrance requirements on either the ACT or ACCUPLACER exam.
- Students must pay course tuition, book costs, and fees.
Please note some classes taken through the early admissions program may not count for credit toward the student’s high school diploma or substitute for any high school course requirements.

**ADMISSION OF NON-MATRICULATING STUDENTS**

Students interested in gaining a basic understanding of course material without the pressure of examination may take classes for non-credit. A notation of audit (AU) will be assigned to the student’s SOWELA transcript. Those students taking classes for non-credit are not required to provide a high school transcript or take the placement examination. Fees are the same as those for credit students.

Enrollment as “non-credit” in day classes must be approved by the School Dean and registration must be done during the drop/add/late registration period, giving degree-seeking students first priority. Coursework will not be retroactively assigned a grade for non-credit students.

**ADMISSION OF NON-LOUISIANA RESIDENTS**

A Louisiana resident for tuition purposes is defined as one who has been domiciled in the State of Louisiana for at least one full year (365 days) immediately preceding the first day of classes of the semester of enrollment. Students who are not Louisiana residents are charged out-of-state (non-resident) tuition and fees. A non-resident student who is enrolled in only web-based courses is not assessed non-resident tuition and fees. Texas residents are considered in-state for tuition purposes.

Living in Louisiana for one year or longer does not automatically qualify you for in-state tuition. Despite the length of time you attend, residency cannot be established for the sole purpose of obtaining an education.

The Registrar’s office determines residency in accordance with SOWELA regulations and is based on evidence provided on the Application for Admission and related documents. Once classified as a non-resident, a student may file an Application for Residency Reclassification. The application may be obtained from the Registrar’s office and must be filed within 10 working days following the first day of classes of the semester for which reclassification is sought. The application shall include any supporting evidence as deemed necessary by the College. Such supporting evidence may include, but is not necessarily conclusive, the following (must have 2):

- Full-time employment in Louisiana for at least one full year (365 days) prior to the first official day of classes of the term for which the application is being made.
- Filed Louisiana income taxes for the prior tax year.
- Permanent resident immigrant or a legal immigrant granted indefinite stay by the U.S. Bureau of Citizenship and Immigration Services (USBCIS).
- Marriage to a Louisiana resident. (marriage license required, spouse’s tax forms, Louisiana employment verification)
- Possession of a valid Louisiana voter registration card for at least one year prior to first day of class.
- Possession of a valid Louisiana vehicle registration issued 365 days prior to first day of class.
- Possession of a Louisiana driver’s license issued 365 days prior to the first day of class.
- Possession of professional licensure in Louisiana issued at least one year prior to start date of class.
Establishment of a Louisiana abode and commitment indicating permanent address for at least one year prior to start date of class, along with current documentation (mortgage bill, lease agreement, utility bill).

Active duty military (or dependents) stationed in Louisiana or former active military personnel officially separated from military service within one year prior to start of classes.

Claimed as dependent on parent tax forms (parent must provide documents for proof of residency).

Residency reclassification is not updated if the request is received later than the first 10 working days of classes beginning. Students will be notified in writing of the decision.

An individual on active duty (including his/her spouse, minor child, or dependent student) in the Armed Forces currently stationed in Louisiana may be classified as a Temporary Resident upon submission of documentation signed by the unit commander verifying his or her being on active duty and stationed in Louisiana. Further, former active military personnel and their dependents shall maintain Temporary Resident student status for a period of one calendar year after official separation from military service. After the one year period, determination of resident status shall be governed by the guidelines relating to non-military personnel.

A student who is a Non-U.S. citizen will be charged non-resident tuition and fees.

**DUAL ENROLLMENT**

Dual Enrollment is a program that allows a high school student to enroll in college level courses for which dual credit (both college and high school credit) is earned on the student’s secondary and postsecondary academic record. The credits that students earn will be applicable toward high school graduation and acceptable toward a college degree or technical certificate. This opportunity allows students to accelerate their college career while saving time and money. Dual enrollment courses are taught in two formats: by SOWELA instructors in an online environment or by SACSCOC credentialed teachers in face-to-face classes at participating high schools or SOWELA instructional sites.

It is vital to understand that a high school student registrant is expected to adhere to all college, course, and instructor requirements. The program is designed for students who are serious about their education, want to earn a college degree or a technical certificate, and desire to get an early start on completing their college education.

**General admission and participation requirements**

1. All students must be enrolled as a junior or senior at a participating (as evidenced by a current CEA) public or private high school within one of the parishes/districts served by SOWELA or a BESE–approved home study program. (Exceptions will be granted for sophomores who are eligible to enroll in OADM 1150/ITEC 1000 taught at their high school.)

2. High school juniors must be at least 16 years old by September 30th of their junior year. High school seniors must be at least 17 years old by September 30th of their senior year.

3. Students must have permission from a designee from their high school and their parent/guardian to participate in Dual Enrollment. (Parents may act as the designee for BESE-approved home study programs.)
4. Students must submit a high school transcript with a calculated GPA based on a 4.00 grading system.

5. Students must be enrolled in college courses for which dual credit (both college and high school credit) is attempted and recorded on both the student’s secondary and postsecondary academic records.

6. Students enrolled in courses with school board credentialed instructors that meet at any SOWELA instructional site must also satisfy the following requirements: 1) Students must have no more than three (3) disciplinary actions during their last school year noted in their high school records, and 2) Students must have no more than ten (10) unexcused absences during their last school year noted in their high school records.

7. All juniors and seniors participating in dual enrollment may enroll in a maximum of eight (8) credit hours per semester.

8. All dual enrollment students have a registrar’s hold placed on their student accounts to prevent unauthorized registration, schedule changes, or withdrawals. All requests for registration and/or schedule changes must be submitted to the Dual Enrollment Coordinator for processing by the Registrar’s Office. Additionally, course withdrawals require permission from the student’s home high school and the College.

9. All senior dual enrollment students must complete all core requirements needed for high school graduation prior to the spring semester of their senior year, unless the core requirement is being fulfilled at the parish/district school or a BESE-approved home study program. If a student needs ENGL 1010 or MATH 1100 in order to fulfill high school graduation requirements and also needs developmental ENGL 0099 or MATH 0099, it will be necessary to enroll in 7-week accelerated courses. In the accelerated courses, students complete their developmental coursework in the first half of the fall semester and complete ENGL 1010 or MATH 1100 in the second half of the fall semester.

10. To remain a participant in the Dual Enrollment program, students must earn a grade of “C” or better in all courses taken for college credit.

Additional requirements for the technical courses

1. Students must meet all eligibility requirements that may be imposed by their home school district including, but not limited to, minimum scores on the ASPIRE, Pre-ACT, ACT, or WorkKeys Tests. (Note: Only ACT and Next Generation ACCUPLACER scores can be used to satisfy prerequisite/test score requirements for course entry.)

2. Students must meet course-specific prerequisites including, but not limited to, appropriate scores on either the ACT or Next-Generation ACCUPLACER exam.

3. SOWELA follows ACT recommendations that the ASPIRE and Pre-ACT scores do not replace the ACT. If a student has taken the ACT, the ACT score must be used as the placement measure.
Additional requirements for general education and other courses on the BOR matrix

1. Students must have and maintain a high school grade point average of at least 2.5 on a 4.00 system.

2. Students must have an ACT composite score of at least 19 and an ACT Reading score of at least 19.

3. Students must have an ACT Math score of at least 19 and/or ACT English score of at least 18.

4. High school juniors may not be in need of any developmental coursework.

5. High school seniors may need developmental coursework in only one area. High school seniors must complete all developmental coursework prior to the spring semester of their senior year (Otherwise stated, seniors must complete developmental coursework during the fall semester of their senior year in order to enroll in any general education or other courses on the BOR matrix in the spring semester). Therefore, students must have: ACT Math score of at least 19 and ACT English score of at least 17 OR ACT English score of at least 18 and ACT Math score of at least 17. (Also see general admission requirement #9.)

6. Students must meet course-specific prerequisites including, but not limited to, appropriate scores on either the ACT or Next-Generation ACCUPLACER exam.

Applicants for the Dual Enrollment program from participating public or private high schools should:

1. Complete the online application for admission found on the SOWELA website at www.sowela.edu under Admissions and How to Enroll.

2. Request the Course Enrollment Request Form from the high school counselor for completion and verification. A copy of the student’s official high school transcript with a calculated GPA (out of a 4.00 system) and official ACT and/or Next Generation ACCUPLACER test scores are also required. The Course Enrollment Request Form, official high school transcript, and test scores will then be picked up by SOWELA directly from the high school counselor.

BESE-Approved Home Study Applicants for the Dual Enrollment program should:

1. Complete the online application for admission found on the SOWELA website at www.sowela.edu under Admissions and How to Enroll.

2. Submit a valid BESE Home Study Approval letter.

3. Request a Course Enrollment Request Form by email at dualenrollment@sowela.edu and return to the SOWELA Dual Enrollment/STEPS office, Room 1225 in the Charleston Building #8 or to dualenrollment@sowela.edu. Course Request Forms must be accompanied by an official high school transcript with a calculated GPA (out of a 4.00 system) and official ACT and/or Next Generation ACCUPLACER test scores.
**STEPS (SENIOR TECHNICAL EDUCATION PROGRAM AT SOWELA)**

The STEPS program provides high school seniors a head start on college. Students in the STEPS program experience the college environment while completing their high school diploma and earning college credits. Students from participating high schools and BESE approved home school programs may enroll in STEPS under the direction of the STEPS coordinator and their high school counselors. STEPS students are required to attend a minimum of nine (9) credit hours of coursework on the SOWELA campus in Lake Charles.

**General admission and participation requirements**

1. All students must be enrolled as a senior at a participating (as evidenced by a current CEA) public or private high school within one of the parishes/districts (must have a STEPS agreement with SOWELA) served by SOWELA or a BESE–approved home study program. Homeschool students must submit a valid BESE Home Study Approval letter.

2. Graduating seniors must be pursuing a school-approved diploma (Career, LA Core 4, or Basic Core)

3. High school seniors must be at least 17 years old by September 30th of their senior year.

4. Students must have permission from a designee from their high school and their parent/guardian to participate in Dual Enrollment. (Parents may act as the designee for BESE-approved home study programs.)

5. Students must submit a high school transcript with a calculated GPA based on a 4.00 grading system. To enroll in the STEPS program students must have a 2.5 GPA.

6. Students must be enrolled in college courses for which dual credit (both college and high school credit) is attempted and recorded on both the student’s secondary and postsecondary academic records.

7. Students enrolled in courses with school board credentialed instructors that meet at any SOWELA instructional site must also satisfy the following requirements: 1) Students must have no more than three (3) disciplinary actions during their last school year noted in their high school records, and 2) Students must have no more than ten (10) unexcused absences during their last school year noted in their high school records.

8. Upon admission, STEPS students must have a maximum of four core courses remaining to meet high school graduation requirements.

9. All STEPS students have a registrar’s hold placed on their student accounts to prevent unauthorized registration schedule changes or withdrawals. All requests for registration and/or schedule changes must be submitted to the Dual Enrollment Coordinator for processing by the Registrar’s Office. Additionally, course withdrawals require permission from the student’s home high school and the College.
10. Students participating in STEPS must enroll in a minimum of twelve (12) semester credit hours of courses in each of the fall and spring semesters. Students may carry a maximum course load of 15 credit hours each semester. Each semester a minimum of nine (9) credit hours of coursework must be taken at the SOWELA main campus in Lake Charles.

11. All STEPS students must complete all core requirements needed for high school graduation prior to the spring semester of their senior year, unless the core requirement is being fulfilled at the parish/district school or a BESE-approved home study program. If a student needs ENGL 1010 or MATH 1100 in order to fulfill high school graduation requirements and also needs developmental ENGL 0099 or MATH 0099, it will be necessary to enroll in 7-week accelerated courses. In the accelerated courses, students complete their developmental coursework in the first half of the fall semester and complete ENGL 1010 or MATH 1100 in the second half of the fall semester.

12. To remain a participant in the STEPS program, students must earn a grade of “C” or better in all courses taken for college credit.

Additional requirements for technical courses

1. Students must meet all eligibility requirements that may be imposed by their home school district including, but not limited to, minimum scores on the ASPIRE, Pre-ACT, ACT, or WorkKeys Tests. (Note: Only ACT and Next Generation ACCUPLACER scores can be used to satisfy prerequisite/test score requirements for course entry.)

2. Students must meet course-specific prerequisites including, but not limited to, appropriate scores on either the ACT or Next-Generation ACCUPLACER exam.

3. SOWELA follows ACT recommendations that the ASPIRE and Pre-ACT scores do not replace the ACT. If a student has taken the ACT, the ACT score must be used as the placement measure.

Additional requirements for general education and other courses on the BOR matrix

1. Students must have and maintain a high school grade point average of at least 2.5 on a 4.00 system.

2. Students must have an ACT composite score of at least 19 and an ACT Reading score of at least 19.

3. Students must have an ACT Math score of at least 19 and/or ACT English score of at least 18.

4. High school seniors may need developmental coursework in only one area. High school seniors must complete all developmental coursework prior to the spring semester of their senior year (Otherwise stated, seniors must complete developmental coursework during the fall semester of their senior year in order to enroll in any general education or other courses on the BOR matrix in the spring semester). Therefore, students must have: ACT Math score of at least 19 and ACT English score of at least 17 OR ACT English score of at least 18 and ACT Math score of at least 17. (Also see general admission requirement #11.)

5. Students must meet course-specific prerequisites including, but not limited to, appropriate scores on either the ACT or Next-Generation ACCUPLACER exam.
Applicants for the STEPS program from participating public or private high schools should:

1. Complete the online application for admission found on the SOWELA website at www.sowela.edu under Admissions and How to Enroll.

2. Request the Course Enrollment Request Form from the high school counselor for completion and verification. A copy of the student’s official high school transcript with a calculated GPA (out of a 4.00 system) and official ACT and/or Next Generation ACCUPLACER test scores are also required. The Course Enrollment Request Form, official high school transcript, and test scores will then be picked up by SOWELA directly from the high school counselor.

Applicants for the STEPS program from BESE-Approved Home Study programs should:

1. Complete the online application for admission found on the SOWELA website at www.sowela.edu under Admissions and How to Enroll.

2. Submit a valid BESE Home Study Approval letter.

3. Request a Course Enrollment Request Form by email at dualenrollment@sowela.edu and return to the SOWELA Dual Enrollment/STEPS office, Room 1225 in the Charleston Building #8 or to dualenrollment@sowela.edu. Course Request Forms must be accompanied by an official high school transcript with a calculated GPA (out of a 4.00 system) and official ACT and/or Next Generation ACCUPLACER test scores.

ORIENTATION

All new, full-time students are expected to attend one of the orientation sessions. Upon acceptance to SOWELA, students are provided the link to schedule an orientation session. Students are welcome to attend any of the on-site new student orientations in Lake Charles, Jennings, or Oakdale. Online orientation is available for part-time and online students.

New Student Orientation will help incoming students feel connected to SOWELA, faculty, staff, and other students while creating a welcoming atmosphere that builds a sense of community among the incoming class. Orientation will provide new students with academic program expectations. New students will be made aware of the resources and services available to assist with their academic, personal and professional growth. For additional information regarding orientation, please email orientation@sowela.edu.

SOWELA PLACEMENT TEST

Any student who does not have valid ACT or SAT scores may be required to take the SOWELA placement test before registering for classes. (Students who have taken the ACT or SAT within the last three years should submit their scores to be considered for admissions. SOWELA’s ACT code is 5064) The placement test is an assessment tool used by SOWELA to ensure you are taking classes that fit your academic needs. New students will receive advisement regarding the SOWELA Placement Test during their advisement appointment.
SOWELA’s placement exams are administered for advising and course placement only and are not used in determining admission to the college except when academic achievement levels are required by a licensure board (i.e. the Louisiana State Board of Practical Nurse Examiners). Students who test into transitional courses may be permitted to enroll in a limited number of other courses determined by the academic school as not requiring a prerequisite.

Students that are awarded transfer credits in Math and/or English may receive a waiver from the SOWELA Placement Test. Official college transcripts should be submitted to the Registrar’s Office prior to advisement and enrollment in courses.

**Payment Options**

Testing fees can be paid by cash, check, or money order at the Enrollment Services One Stop Center in Lake Charles or the Front Office in Jennings at the Morgan Smith Campus. Credit and debit card payments must be made online at SOWELA’s website.

Schedule your SOWELA placement exam online at your convenience. Go to www.sowela.edu. There you will find the link to schedule and pay testing charges online.

For more information concerning Testing Center scheduling and fees go to our website at www.sowela.edu/testing center.

**College Board Advanced Placement Program (AP)**

Students who have taken part in the Advanced Placement Program of the College Board may receive credit for examinations at SOWELA. Students who have participated in this program and who plan to enroll at SOWELA should have their AP exams scored sent to the Enrollment Services One Stop Center (College Code 6808). Additional information may be obtained from the Enrollment Services One Stop Center.

**College Level Examination Program (CLEP)**

SOWELA not only accepts CLEP scores, but now offers CLEP testing. Go to the SOWELA website at https://www.sowela.edu/student-life/student-success/ and click on Testing. There you will find the link to the CLEP test, click on “schedule a test.”

Students who have taken the College Level Examination (CLEP), may be eligible to receive credit at SOWELA. Students who plan to enroll at SOWELA should have their (CLEP) exam scores sent by mail to the Enrollment Services One Stop Center (College Code 5048).

**TUITION AND FEE SCHEDULE**

(Starts on the next page)
**TUITION AND FEE SCHEDULE**

Note: The table below reflects the estimated rates for 2019-2020 and are subject to change without notice.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Tuition</th>
<th>Board Assessed Fees</th>
<th>Student Assessed Fees</th>
<th>Misc Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Resident Tuition</td>
<td>Grad Act Adjustment</td>
<td>Total Tuition</td>
<td>*Excess Credit Hour Fee</td>
</tr>
<tr>
<td>1</td>
<td>$133.93</td>
<td>$5.03</td>
<td>$138.96</td>
<td>$0.00</td>
</tr>
<tr>
<td>2</td>
<td>$267.86</td>
<td>$10.06</td>
<td>$277.92</td>
<td>$0.00</td>
</tr>
<tr>
<td>3</td>
<td>$401.79</td>
<td>$15.09</td>
<td>$416.88</td>
<td>$0.00</td>
</tr>
<tr>
<td>4</td>
<td>$535.72</td>
<td>$20.12</td>
<td>$555.84</td>
<td>$0.00</td>
</tr>
<tr>
<td>5</td>
<td>$669.65</td>
<td>$25.15</td>
<td>$694.80</td>
<td>$0.00</td>
</tr>
<tr>
<td>6</td>
<td>$803.58</td>
<td>$30.18</td>
<td>$833.76</td>
<td>$0.00</td>
</tr>
<tr>
<td>7</td>
<td>$937.51</td>
<td>$35.21</td>
<td>$972.72</td>
<td>$0.00</td>
</tr>
<tr>
<td>8</td>
<td>$1,071.44</td>
<td>$40.24</td>
<td>$1,111.68</td>
<td>$0.00</td>
</tr>
<tr>
<td>9</td>
<td>$1,205.37</td>
<td>$45.27</td>
<td>$1,250.64</td>
<td>$0.00</td>
</tr>
<tr>
<td>10</td>
<td>$1,339.30</td>
<td>$50.30</td>
<td>$1,389.60</td>
<td>$0.00</td>
</tr>
<tr>
<td>11</td>
<td>$1,473.23</td>
<td>$55.33</td>
<td>$1,528.56</td>
<td>$0.00</td>
</tr>
<tr>
<td>12-15</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$0.00</td>
</tr>
<tr>
<td>16</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$150.96</td>
</tr>
<tr>
<td>17</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$301.92</td>
</tr>
<tr>
<td>18</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$452.88</td>
</tr>
<tr>
<td>19</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$603.84</td>
</tr>
<tr>
<td>20</td>
<td>$1,607.07</td>
<td>$60.36</td>
<td>$1,667.43</td>
<td>$754.80</td>
</tr>
</tbody>
</table>

*If enrolled in 16 credit hours or more of campus courses, the Excess Credit Hour Fee is assessed at $150.96 per credit hour.

**ONLINE OVER 12 CREDIT HOURS TUITION SCHEDULE**

**If enrolled in one or more web courses that result in total credit hours being greater than 12, ADD the online tuition and fees on this schedule to the campus tuition and fees on the schedule above. $40 Online Registration Fee applicable.**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Tuition</th>
<th>Board Assessed Fees</th>
<th>Student Assessed Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Resident Tuition</td>
<td>Grad Act Adjustment</td>
<td>Total Tuition</td>
</tr>
<tr>
<td>1</td>
<td>$133.93</td>
<td>$5.03</td>
<td>$138.96</td>
</tr>
<tr>
<td>2</td>
<td>$267.86</td>
<td>$10.06</td>
<td>$277.92</td>
</tr>
<tr>
<td>3</td>
<td>$401.79</td>
<td>$15.09</td>
<td>$416.88</td>
</tr>
<tr>
<td>4</td>
<td>$535.72</td>
<td>$20.12</td>
<td>$555.84</td>
</tr>
<tr>
<td>5</td>
<td>$669.65</td>
<td>$25.15</td>
<td>$694.80</td>
</tr>
<tr>
<td>6</td>
<td>$803.58</td>
<td>$30.18</td>
<td>$833.76</td>
</tr>
<tr>
<td>7</td>
<td>$937.51</td>
<td>$35.21</td>
<td>$972.72</td>
</tr>
<tr>
<td>8</td>
<td>$1,071.44</td>
<td>$40.24</td>
<td>$1,111.68</td>
</tr>
<tr>
<td>9</td>
<td>$1,205.37</td>
<td>$45.27</td>
<td>$1,250.64</td>
</tr>
<tr>
<td>10</td>
<td>$1,339.30</td>
<td>$50.30</td>
<td>$1,389.60</td>
</tr>
<tr>
<td>11</td>
<td>$1,473.23</td>
<td>$55.33</td>
<td>$1,528.56</td>
</tr>
<tr>
<td>12</td>
<td>$1,607.16</td>
<td>$60.36</td>
<td>$1,667.52</td>
</tr>
</tbody>
</table>

*If enrolled in 16 credit hours or more of campus courses, the Excess Credit Hour Fee is assessed at $150.96 per credit hour.
## NONRESIDENT TUITION SCHEDULE

<table>
<thead>
<tr>
<th>Credit Hrs.</th>
<th>Total Resident Tuition &amp; Fees Due</th>
<th>Add’t Resident Tuition</th>
<th>Total Nonresident Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$218.96</td>
<td>$142.79</td>
<td>$361.75</td>
</tr>
<tr>
<td>2</td>
<td>$392.92</td>
<td>$285.58</td>
<td>$678.50</td>
</tr>
<tr>
<td>3</td>
<td>$566.88</td>
<td>$428.37</td>
<td>$995.25</td>
</tr>
<tr>
<td>4</td>
<td>$740.84</td>
<td>$571.16</td>
<td>$1,312.00</td>
</tr>
<tr>
<td>5</td>
<td>$914.80</td>
<td>$713.95</td>
<td>$1,628.75</td>
</tr>
<tr>
<td>6</td>
<td>$1,088.76</td>
<td>$856.74</td>
<td>$1,945.50</td>
</tr>
<tr>
<td>7</td>
<td>$1,262.72</td>
<td>$999.53</td>
<td>$2,262.25</td>
</tr>
<tr>
<td>8</td>
<td>$1,436.68</td>
<td>$1,142.32</td>
<td>$2,579.00</td>
</tr>
<tr>
<td>9</td>
<td>$1,610.64</td>
<td>$1,285.11</td>
<td>$2,895.75</td>
</tr>
<tr>
<td>10</td>
<td>$1,784.60</td>
<td>$1,427.90</td>
<td>$3,212.50</td>
</tr>
<tr>
<td>11</td>
<td>$1,958.56</td>
<td>$1,570.69</td>
<td>$3,529.25</td>
</tr>
<tr>
<td>12</td>
<td>$2,132.44</td>
<td>$1,713.57</td>
<td>$3,846.00</td>
</tr>
</tbody>
</table>

**ESTIMATE TUITION**

- **Campus Tuition & Fees:**
  - (If total hours are greater than 12)
- **Online Tuition & Fees:**
  - (If enrolled in 1 or more web courses)
- **Online Registration Fees:**
  - (If applicable)
- **Lab Fees:**
  - (If applicable)
- **Nonresident Tuition:**
  - (If applicable)

### TOTAL:

<table>
<thead>
<tr>
<th>Credit Hrs.</th>
<th>Total Resident Tuition &amp; Fees Due</th>
<th>Add’t Resident Tuition</th>
<th>Total Nonresident Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$218.96</td>
<td>$142.79</td>
<td>$361.75</td>
</tr>
<tr>
<td>2</td>
<td>$392.92</td>
<td>$285.58</td>
<td>$678.50</td>
</tr>
<tr>
<td>3</td>
<td>$566.88</td>
<td>$428.37</td>
<td>$995.25</td>
</tr>
<tr>
<td>4</td>
<td>$740.84</td>
<td>$571.16</td>
<td>$1,312.00</td>
</tr>
<tr>
<td>5</td>
<td>$914.80</td>
<td>$713.95</td>
<td>$1,628.75</td>
</tr>
<tr>
<td>6</td>
<td>$1,088.76</td>
<td>$856.74</td>
<td>$1,945.50</td>
</tr>
<tr>
<td>7</td>
<td>$1,262.72</td>
<td>$999.53</td>
<td>$2,262.25</td>
</tr>
<tr>
<td>8</td>
<td>$1,436.68</td>
<td>$1,142.32</td>
<td>$2,579.00</td>
</tr>
<tr>
<td>9</td>
<td>$1,610.64</td>
<td>$1,285.11</td>
<td>$2,895.75</td>
</tr>
<tr>
<td>10</td>
<td>$1,784.60</td>
<td>$1,427.90</td>
<td>$3,212.50</td>
</tr>
<tr>
<td>11</td>
<td>$1,958.56</td>
<td>$1,570.69</td>
<td>$3,529.25</td>
</tr>
<tr>
<td>12</td>
<td>$2,132.44</td>
<td>$1,713.57</td>
<td>$3,846.00</td>
</tr>
</tbody>
</table>

Course specific lab and other fees vary by department and term and are not included in the above rates.

## ONLINE ONLY TUITION SCHEDULE

(Students Taking ONLY Online Courses, No Campus Courses) **$40 Online Registration Fee Applicable.**

<table>
<thead>
<tr>
<th>Credit Hrs.</th>
<th>Resident Tuition</th>
<th>Grad Act Adj.</th>
<th>Total Tuition</th>
<th>Board Assessed Fees</th>
<th>Student Assessed Fees</th>
<th>Misc Fee</th>
<th><strong>Total Due</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$133.93</td>
<td>$5.03</td>
<td>$138.96</td>
<td>$0.00</td>
<td>$3.00</td>
<td>$7.00</td>
<td>$218.96</td>
</tr>
<tr>
<td>2</td>
<td>$267.86</td>
<td>$10.06</td>
<td>$277.92</td>
<td>$0.00</td>
<td>$6.00</td>
<td>$14.00</td>
<td>$392.92</td>
</tr>
<tr>
<td>3</td>
<td>$401.79</td>
<td>$15.09</td>
<td>$416.88</td>
<td>$0.00</td>
<td>$9.00</td>
<td>$21.00</td>
<td>$740.84</td>
</tr>
<tr>
<td>4</td>
<td>$535.72</td>
<td>$20.12</td>
<td>$555.84</td>
<td>$0.00</td>
<td>$12.00</td>
<td>$28.00</td>
<td>$914.80</td>
</tr>
<tr>
<td>5</td>
<td>$669.65</td>
<td>$25.15</td>
<td>$694.80</td>
<td>$0.00</td>
<td>$13.00</td>
<td>$35.00</td>
<td>$1,262.72</td>
</tr>
<tr>
<td>6</td>
<td>$803.58</td>
<td>$30.18</td>
<td>$833.76</td>
<td>$0.00</td>
<td>$18.00</td>
<td>$42.00</td>
<td>$1,436.68</td>
</tr>
<tr>
<td>7</td>
<td>$937.51</td>
<td>$35.21</td>
<td>$972.72</td>
<td>$0.00</td>
<td>$21.00</td>
<td>$49.00</td>
<td>$1,262.72</td>
</tr>
<tr>
<td>8</td>
<td>$1,071.44</td>
<td>$40.24</td>
<td>$1,111.68</td>
<td>$0.00</td>
<td>$24.00</td>
<td>$56.00</td>
<td>$1,667.52</td>
</tr>
<tr>
<td>9</td>
<td>$1,205.37</td>
<td>$45.27</td>
<td>$1,250.64</td>
<td>$0.00</td>
<td>$27.00</td>
<td>$63.00</td>
<td>$1,610.64</td>
</tr>
<tr>
<td>10</td>
<td>$1,339.30</td>
<td>$50.30</td>
<td>$1,389.60</td>
<td>$0.00</td>
<td>$30.00</td>
<td>$70.00</td>
<td>$1,784.60</td>
</tr>
<tr>
<td>11</td>
<td>$1,473.23</td>
<td>$55.33</td>
<td>$1,528.56</td>
<td>$0.00</td>
<td>$33.00</td>
<td>$77.00</td>
<td>$1,958.56</td>
</tr>
<tr>
<td>12</td>
<td>$1,607.16</td>
<td>$60.36</td>
<td>$1,667.52</td>
<td>$0.00</td>
<td>$36.00</td>
<td>$84.00</td>
<td>$2,132.52</td>
</tr>
</tbody>
</table>

Course specific lab and other fees vary by department and term and are not included in the above rates.
OTHER FEES
Late Registration Fee .......................$25.00
NSF Fee.............................................$25.00
Credit Card Service Fee ...2.75% of total amount charged.

Online Tuition and Fees
The Board of Supervisors of the Louisiana Community and Technical College System (LCTCS) approved equalizing and standardizing tuition and registration fees for all online credit courses to provide equity and convenience for online students. Tuition, ERP and Student Service fee for online courses do NOT Cap at 12 credit hours, but other fees for online courses do. The additional Nonresident Tuition charge does not apply to online courses; instead these are charged at the In-State Tuition rate. In addition to other applicable tuition and fees, students taking one or more online courses are assessed a per semester registration fee of $40.

Fee Assessment Details
Excess Credit Hour Fee
Effective Fall 2016, the Board of Supervisors of the LCTCS approved a fee to be assessed on all student credit hours taken by a student that are 1) over 15 credit hours in a fall or spring semester, 2) over 12 credit hours in a summer session, and 3) over an equivalent number of hours in a non-traditional semester/session. The fee is set at $150.96 for each excess credit hour.

Operational Fee
Effective Fall 2004, State of Louisiana Legislator’s and LCTCS approved an operational fee to be assessed at all state colleges and universities. The operational fee will cover State mandated operational expenses such as risk management, audit fees, etc. The operational fee is $3 per credit hour (Maximum $36 per enrollment period).

Student Services Fee
Effective Fall 2011, the Board of Supervisors of the LCTCS approved a Student Service Fee to be assessed at all LCTCS colleges. This covers fees for student services such as registration, financial aid, graduation, etc. The Student Service Fee is currently $7 per credit hour.

Academic Excellence Fee
Academic Excellence fee is $7 per credit hour (Maximum $84 per enrollment period). Atypical courses are assessed as a separate enrollment period. The Academic Excellence Fee promotes academic excellence at the college by enhancing institutional programs. This fee was approved by the State Legislature in 2003.

Enterprise Resource Planning Fee
Effective Fall 2010, LCTCS and the Board approved an Enterprise Resource Planning fee to be assessed at all LCTCS colleges. The enterprise resource planning fee will support the implementation and operation of the ERP for the LCTCS. The Enterprise Resource Planning Fee is $5 per credit hour.

Building Use Fee
Effective Fall 2013, State of Louisiana Legislator’s and LCTCS approved a building use fee to be assessed at all state colleges and universities. The building use fee will be used to construct, acquire, repair, maintain, operate, or improve the facilities and physical infrastructure of the college. The building use fee is $4 per credit hour. (Maximum $48 per enrollment period.)

Technology Fee
The student technology fee is $5 per credit hour (Maximum not to exceed $60 per enrollment period). All students pay a student technology fee which supports existing technological resources on SOWELA’S campus and provides for upgrades and improvements.
Student Activity Fee

Based on the results of a student referendum held in the fall semester 2013, a student activity fee of $4 per credit hour (Maximum not to exceed $48 per enrollment period) is being implemented effective Fall 2014. All students pay a student activity fee which will provide essential resources to build a vibrant student life experience at SOWELA.

Student Government Association Fee

The self-assessed Student Government Association (SGA) fee was approved by the student body. The proceeds from this fee go directly to the SGA, which oversees disbursement of the funds to various student activities. The SGA sponsors annual activities and provides funds to various clubs and organizations for activities that benefit the entire student body. The fee is $5 per semester.

Parking Fees/Permits

Vehicle registration permits are issued from the Office of Facilities at a cost of $40 for fall and spring semesters and $20 for summer term. All faculty, staff, and students who operate vehicles on campus must register their vehicles and display the hanging permit from their rearview mirror so that it is visible at all times. Vehicle registration allows authorized students to park in zones to which they are entitled only if space is available. The operation of a motor vehicle on campus is a privilege granted by SOWELA Technical Community College. Failure to abide by the regulations will revoke this privilege and/or result in disciplinary action.

Library Fines

The Library and Learning Resource Center (LLRC) has a one month loan period for books with the option to renew materials for an additional month. At the end of the loan period, materials that have not been returned or renewed are considered overdue. The LLRC charges twenty-five (25) cents per day for each overdue book. When a book is reported lost or long overdue the user is charged for the replacement cost and assessed a $20.00 processing fee. Overdue notices are sent through U.S. mail. A “flag” or hold is placed on a student record when fines are owed. Students may not register for classes or receive transcripts until their account is settled.

PAYMENT OPTIONS

Payment Methods Accepted in Person/Mail – Business Office

Personal checks, cashier’s checks, traveler’s checks, money orders, or cash payments may be made in the SOWELA Enrollment Services One Stop Center in Lake Charles, in the Front office in Jennings at the Morgan Smith Site or the Front office in Oakdale at the Oakdale Site. A current student ID or valid State issued ID is required to disclose any financial information. Payments by mail must be received 48 hours before an established payment deadline and should include the student’s ID number to ensure proper credit of payment. It is the student’s responsibility to ensure the payment is received in the Business Office. Please do not mail cash or traveler’s checks. Credit/Debit Cards are no longer accepted as a form of payment in person or via phone.

SOWELA Technical Community College
Business Office
P. O. Box 16950
Lake Charles, LA 70616-6950

SOWELA Technical Community College - Morgan Smith
P. O. Box 1327
Jennings, LA 70546

SOWELA Technical Community College - Oakdale
117 Highway 1152
Oakdale, LA 71463
Payment Methods Accepted through our Online Payment Gateway

Students or authorized users can make payments by electronic check (e-check), or pay by credit/debit card. MasterCard, American Express, Discover, and Visa are all accepted. The e-check option is entirely free while a 2.75% service fee will be charged for each transaction processed using a credit/debit card (This is a non-refundable fee and is paid directly to CashNet, not to the college).

RETURNED CHECKS

All returned checks and/or credit card charge backs due to insufficient funds, unauthorized use, cancelled card or fraud will be assessed a $25 fee on the students’ accounts and the associated payments will be reversed. If the payments made by the students or on their behalf are returned, those students may forfeit all check writing/EFT privileges with SOWELA in the future. Payment by cash, cashier’s check, or money order may be required. Only in the case of a bank or card issuer error will the returned check/credit card charge back penalties be removed. After the College has exhausted its attempts to notify the students, failure to repay the balance due will subject the students to an administrative withdrawal from classes, and their accounts will be submitted to the Attorney General’s Office for collection. Students are responsible for all related costs (collection/attorney fees in the amount of 33 1/3% of the principal, interest, late fees and related court costs).

TUITION PAYMENT PLAN “THE PLAN”

SOWELA has an established contract with a third-party vendor, CashNet, to provide a payment plan (“The Plan”) for students (formerly offered directly by SOWELA as a “deferment plan”). To participate in The Plan, students must enroll in a full Fall, Spring, or Summer Semester at SOWELA Technical Community College. The Plan allows students to pay for tuition and fees through monthly installment payments throughout the semester. The number of monthly installments is determined by the date of enrollment and the final payment due date. Final payment due dates are as follows and are subject to change at any time:

- Fall 2019 Final Payment is Due by November 15, 2019 at midnight.
- Spring 2020 Final Payment is Due by April 15, 2020 at midnight.
- Summer 2020 Final Payment is Due by July 15, 2020 at midnight.

A one-time, non-refundable enrollment fee will be charged upon enrollment in The Plan and is set by and paid directly to the vendor. The first installment (down payment) is due at the time of enrollment. If any installment payment is not received within 15 calendar days after its due date, a late fee of $10.00 will be assessed by the vendor. Please note that declined attempts for credit card or ACH charges or returned checks may also result in late fees if a valid payment is not received by the due date.

The TUITION ADJUSTMENT procedures for SOWELA Technical Community College are as follows:

- A 100% Tuition Adjustment of Tuition and all fees will be made to students who resign from all classes or drops a course(s) during the first three instructional days (Add/Drop Period) of the fall and spring semester and the first two instructional days for the summer semester and mini-semesters.

- A 75% Tuition Adjustment of Tuition and any excess credit hour fees will be made to students who resign from all classes or drops a course(s) after the 3rd instructional day through the 6th instructional day of the fall and spring semester and on the 3rd instructional days for the summer semester and mini-semesters.
- A 50% Tuition Adjustment of Tuition and any excess credit hour fees will be made to students who resign from all classes or drops a course(s) after the 6th instructional day through the 9th instructional day of the semester for the fall and spring semester and on the 4th instructional day through the 5th instructional day of the semester for the summer semester and mini-semesters.

- A 25% Tuition Adjustment of Tuition and any excess credit hour fees will be made to students who resign from all classes or drops a course(s) after the 9th instructional day through the 13th instructional day of the semester for the fall and spring semester and on the 6th instructional day of the semester for the summer semester and mini-semesters.

- 100% Tuition Adjustment of all tuition and fees in the event SOWELA cancels a course.

- The excess credit hour fee will refund the same as tuition during the tuition adjustment periods.

- Other registration fees such as: Operational Fee, Student Services Fee, Academic Excellence Fee, Enterprise Resource Fee, Building Use Fee, Technology Fee, Student Activity Fee, SGA Fee, Parking Fee, Lab Fees, and other miscellaneous fees are not refundable during the Tuition Adjustment Period.

- No Tuition Adjustments shall be made after the 13th instructional day for the fall and spring semester or after the 6th instructional day for the summer semester.

- No refund shall be made for non-credit courses unless the class is cancelled.

- No refund shall be made for testing fees or application charges.

**STUDENT’S FISCAL RESPONSIBILITY**

Registering for any class at SOWELA Technical Community College or receiving any service from SOWELA Technical Community College, the student is making a financial commitment to pay all tuition, fees and other associated charges assessed as a result of enrollment and/or receipt of service. The student further understands and agrees that registration and acceptance of these terms constitutes a promissory note agreement [i.e., a financial obligation in the form of an education loan as defined by the U.S. Bankruptcy Code at 11 U.S.C. §523(a)(8)] in which SOWELA Technical Community College is providing the student educational services, deferring some or all of the payment obligation for those services, and the student promises to pay for all assessed tuition, fees and other associated costs by the published or assigned due date.

The student understands and agrees that if a drop or withdraw from some or all of the registered courses, the student will be responsible for paying all or a portion of tuition and fees in accordance with the published tuition refund schedule located in the College Catalog and Student Handbook. It is the student’s responsibility to read the terms and conditions of the published tuition refund schedule and understand those terms are incorporated herein by reference. Failure to attend class or receive a bill does not absolve the student of financial responsibility as described above.

The student authorizes SOWELA Technical Community College and its agents and contractors to contact the student at the current and any future cellular phone number(s), email address(es) or wireless device(s) regarding delinquent student account(s)/loan(s), any other debt owed to SOWELA, or to receive general information from SOWELA Technical Community College.
The student authorizes SOWELA and its agents and contractors to use automated telephone dialing equipment, artificial or pre-recorded voice or text messages, and personal calls and emails, in their efforts to contact the student. Furthermore, the student may withdraw consent to automated dial a cellular phone number by submitting a request in writing to the Registrar’s Office.

The following Terms and Conditions, in addition to the disclosures provided above, outline your (“Student”) Registration Agreement with SOWELA Technical Community College.

1. Once a student formally registers for classes, the student assumes the responsibility for understanding all SOWELA’s official policies as described in the current SOWELA Technical Community College Catalog and Student Handbook, which include but are not limited to policies concerning schedule changes, satisfactory academic progress and the financial policies of the College.

2. Withholding of services: If a student has any outstanding obligations with any college in the Louisiana Technical and Community College System, SOWELA reserves the right to withhold future services including but not limited to registration, transcript requests, issuing diplomas, use of facilities, and other services as deemed appropriate by the College.

3. It is the student’s responsibility to check his/her SOWELA email address daily and maintain current contact information including telephone number, email and postal address to ensure receipt of all College correspondence.

4. The student consents to receive email notifications to his/her SOWELA email address regarding the availability of an E-Bill (Electronic Billing Statement) and consents to review billing statement information on SOWELA’s web payment system.

5. Registration constitutes a financial agreement between the student and SOWELA Technical Community College. Tuition, fees and other charges the student incurs, including but not limited to testing charges, course specific fees, fines and bookstore charges shall be added to the student’s account. Administrative, clerical, or technical billing errors do not absolve the student of the financial responsibility to pay the correct amount of tuition, fees and other financial obligations assessed.

6. SOWELA accepts payment via student financial aid and third-party sponsorship, but the responsibility for payment remains with the student. It is the student’s responsibility to monitor his/her account balance and any funding sources.

### Tuition Adjustment Schedule
(These dates are subject to change at any time.)

<table>
<thead>
<tr>
<th>Fall 2019 Students who resign or drop a course(s)</th>
<th>Spring 2020 Students who resign or drop a course(s)</th>
<th>Summer 2020 Students who resign or drop a course(s)</th>
<th>The percent of fees refunded will be:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/19/2019 - 8/21/2019</td>
<td>1/13/2020 - 1/15/2020</td>
<td>6/1/2020 - 6/2/2020</td>
<td>100% adjustment of Tuitions</td>
</tr>
<tr>
<td>After 9/5/2019</td>
<td>After 1/30/2020</td>
<td>After 6/8/2020</td>
<td>There is no adjustment of fees for resigning from all courses or dropping a course(s)</td>
</tr>
</tbody>
</table>

50
If financial aid is not granted or if third party sponsors do not pay within a reasonable period, the student will be required to pay the full amount due.

7. Charges left unpaid for prior terms may result in disenrollment from the student’s current semester/session’s courses unless payment arrangements are made prior to payment deadlines.

8. Failure to pay outstanding student account balances by the stated due dates may result in late payment fees as outlined in the catalog and or online catalog.

9. In the event the student becomes delinquent in paying charges or defaults in repaying charges, the debts may be transferred to the State of Louisiana Attorney General’s Office, the Louisiana Office of Debt Recovery, or another external agency for collection and may be reported to one or more of the national credit bureaus. All collection fees incurred shall be at the expense of the student which may be based on a percentage at a maximum of 33 1/3%.

10. If SOWELA prevails in a lawsuit to collect on the student’s financial obligation, the student will be responsible to pay SOWELA’s court costs, collection fees and attorney’s fees in an amount the court finds to be reasonable.

This Agreement constitutes the entire agreement between the student and SOWELA Technical Community College with respect to its subject matter addressed and constitutes and supersedes all prior communications, contracts, or agreements between the parties with respect to the subject matter addressed in this Agreement, whether oral or written.

It is the student’s responsibility to check his/her SOWELA student e-mail daily and maintain a current postal address to ensure receipt of all College correspondence.

BANKMOBILE VIBE DISBURSEMENTS

SOWELA has partnered with BankMobile Vibe Disbursements who will provide Refund Management for SOWELA’S credit students via an electronic disbursement format. As a SOWELA credit student you must activate your preference to receive a refund through the BankMobile Vibe account. You then will be given the option to have your financial aid and tuition refunds disbursed via your BankMobile Vibe account or deposited to another account of your choosing. We are very excited about this opportunity to provide students with faster choices on how they receive their refund.

Once you have received your Refund Selection Kit, you will need to do the following;

1. Visit Refundselection.com
2. Enter your Personal Code
3. Select how you would like to receive your refund

If you have never received information in regards to BankMobile Vibe Refunds, please contact Enrollment Services OneStop Center to request an account.

To learn more about BankMobile Vibe Disbursements, visit bankmobilevibe.com

Even if you do not anticipate a tuition or financial aid refund, activation is required.

Remember it is vital to verify and update your address, phone and e-mail to insure the quickest refunds.
TUITION AND REGISTRATION APPEALS

Tuition Appeals are for students who are requesting a refund, credit, or balance waiver of their registration charges due to extenuating circumstances that occurred during a given term. In some instances, students may use a Tuition Appeal for a request to be withdrawn from a course past the designated withdrawal period.

Details of what constitutes an extenuating circumstance and the tuition appeal form can be located in the student accounts section of SOWELA’s website or by visiting the Business Office on the first floor of the Charleston Building.

FINANCIAL ASSISTANCE

The Financial Aid office is part of the One Stop Enrollment Center at SOWELA. The One Stop Center works with all applicants and students to provide information on the financial aid programs offered at SOWELA. Information is provided via orientation, the website, and student email. It is the responsibility of the applicant to file the FAFSA and/or SOWELA scholarship application and to provide all requested documentation to establish eligibility for financial aid. Financial aid is based on need and/or merit. Students must meet the Satisfactory Academic Progress requirements in order to receive government financial aid. Students must be fully admitted in an eligible degree, diploma, or certificate program.

Applying for financial aid can be a lengthy process. In order to insure that your financial aid is processed in time for the fee payment deadline, we recommend that ALL applications and paperwork be submitted by April 1 for students beginning in the Fall semester, by October 1 for the Spring semester, and by March 1 for the Summer semester.

SOWELA currently does not participate in the federal student loan program.

For a list of financial programs please visit https://www.sowela.edu/admissions/financial_aid/programs/.

Steps to Apply:

1. To apply for federal and state financial aid, you will need to fill out an application called the FAFSA. This is done online at www.fafsa.ed.gov. If you need assistance, please bring all income related information and visit the SOWELA One Stop Enrollment Center.

2. Fill out a SOWELA Scholarship Application at https://www.sowela.edu/admissions/financial_aid/scholarships/.

3. Once SOWELA receives your FAFSA, we will send you an email regarding any follow up paperwork that is needed to determine your eligibility.

4. The U.S. Department of Education randomly selects a percentage of FAFSAs for a process called verification. Verification is a process where the FAFSA is audited with the student’s and parents’ financial and household information. Inceptia is the company that SOWELA has chosen to complete verification for our students. If you are selected for verification, you will be contacted via email by Inceptia. The verification process is 100% online. If you need assistance, you can reach Inceptia on Mondays from 8:00 a.m. – 8:30 p.m. CST and Tuesday through Friday from 8:00 a.m. – 7:00 p.m. CST at (888) 374-8427 or by email at VGCS@inceptia.org. In addition, feel free to stop by our SOWELA One Stop Center or to email onestop@sowela.edu for assistance.

5. Submit all verification documents to Inceptia as requested.

6. Monitor your LoLA (opens new window) account for financial aid awards. An email notification will also be sent out once your awards have been processed.
SATISFACTORY ACADEMIC PROGRESS (SAP) POLICY

The United States Department of Education mandates that students maintain satisfactory academic progress (SAP) toward completion of their degrees within a reasonable period of time to be eligible for Title IV financial aid programs, including Pell, Federal SEOG, Federal Work Study, and Federal Direct Student Loans. As such, federal guidelines require that each institution establish a satisfactory academic progress (SAP) policy that includes a quantitative component, a qualitative component and a time frame; and that such policy be at least as strict as the policy the institution applies to a student who is not receiving Title IV assistance. The policy must also explain how a student can regain financial aid eligibility after having it revoked, through an appeal procedure or otherwise. Students must be made aware of the applicable SAP policy when aid is awarded.

To monitor the satisfactory academic progress (SAP) of students applying for or receiving Title IV funds, all colleges comprising the Louisiana Community and Technical College System (LCTCS) will use the following measures, effective with the SAP evaluations occurring at the end the spring 2018 semester:

1. Grade point average- Achieving and maintaining at least a 2.00 grade point average
2. Pace of progression- Passing a required number of hours (67% of all hours attempted)
3. Maximum timeframe- Total overall hours must not exceed 150% of the published length of a student’s degree program.

In addition, effective with the SAP evaluations occurring at the end of the spring 2018 semester, all LCTCS colleges will evaluate satisfactory academic progress for all students at the end of each payment period and communicate with students in writing, via email, applying for or receiving Title IV funds.

A payment period is the period of enrollment established by a college for which tuition and fees are charged and financial aid is disbursed.

All calculations will be based upon the cumulative academic record as transcribed by the college at the time of SAP evaluation.

Qualitative Standard/Cumulative GPA

The qualitative standard is the student’s cumulative grade point average (GPA). The qualitative standard requires that a student achieve no less than a cumulative GPA of 2.00 at the end of each payment period. The cumulative academic record as transcribed by the college (including grades received at the college as well as transfer grades transcribed by the institution for attempted coursework) will be included in the cumulative GPA calculation. A student’s cumulative grade point average will be calculated based upon all courses on the student’s transcript- passed, failed, courses from which the student withdrew (officially or unofficially), repeated, and non-credit remedial/developmental coursework. The cumulative GPA calculation will not be rounded.

Quantitative Standard /Pace of Progression

In calculating the quantitative standard, the college will measure the “pace” at which the student is progressing. This is calculated by dividing the cumulative hours completed by the total cumulative hours attempted then rounding, if necessary, to the nearest whole number (e.g. 0.667 would be rounded to 67%). All students not on an academic plan (see below) must pass 67 percent of all overall hours attempted. All courses passed, all courses failed, courses from which the student withdrew (officially or unofficially), repeated courses, course for which the student received an incomplete, and non-credit remedial/developmental coursework will be considered in the calculation, even if the student did not receive financial aid.
Maximum Allowable Attempted Hours

Students may receive financial aid if they have attempted no more than 150% of the hours required to complete their program of study. The maximum timeframe will be calculated by multiplying the total number of hours required for a given program of study by 1.50. For example, if 60 credit hours are required to complete the program, the maximum allowable attempted hours for the degree is 90 (60 hours x 1.50 = 90).

For both native and transfer students, hours attempted includes all hours pursued, received, withdrawn, and failed. All of these hours are counted as attempted even if the student did not receive federal financial aid. All calculations will be based upon the cumulative academic record as transcribed by the college at the time of SAP evaluation.

OTHER FACTORS WHICH MAY IMPACT A SAP DETERMINATION

“I” Grades

“I” (incomplete) grades could have an adverse effect on the student’s ability to maintain satisfactory academic progress. An “I” grade will be considered “attempted,” but will not be considered to have been “completed.” It is the student’s responsibility to inform the Financial Aid Office if an “I” grade changes during a payment period. If the change of the grade will affect the student’s financial aid eligibility, the Financial Aid Office will perform a recalculation of aid eligibility during the payment period. Otherwise, the change of grade will not be factored into the cumulative pace rate until the next SAP evaluation.

Transitional/Remedial Courses

The maximum number of hours that a student may receive Title IV federal aid for transitional courses is 30 hours.

For SAP purposes, development courses will count as attempted hours, completed hours, and grades received, even if federal financial aid is not received for these courses.

Withdrawals

“W” (withdrawn) grades could have an adverse effect on the student’s ability to maintain satisfactory academic progress. A “W” grade will be considered “attempted,” but will not be considered to have been “completed.”

ACADEMIC RENEWAL

Academic renewal does not affect or alter the student’s financial aid records for purposes of determining financial aid eligibility. All hours attempted and grades received will continue to be counted for purposes of federal financial aid and satisfactory academic progress.

Transfer Students

Transfer students are required to meet the same standards as native students in order to receive federal financial aid. All transfer students shall initially be coded “TRANS” until the end of the first payment period when they are evaluated for SAP. At the time of the SAP evaluation only transfer credits transcribed by the college will be counted (as both attempted and completed hours) in the cumulative GPA, pace of progression, and maximum allowable hours components of the SAP determination.

First Year Students

All first-time students are considered to be meeting SAP upon enrollment. For SAP purposes, students with no prior post-secondary experience who are enrolling for the first time at the undergraduate level are first-time freshmen. Prior post-secondary experience does NOT include (1) credit received before earning a high school diploma (or equivalent), (2) credit received for completing tests or assessments, or (3) credit for life experience or military service.
However, credit received prior to earning a high school diploma (or equivalent), credit received as the result of completing any tests or assessments, or credit for life experience or military service— that is transcribed by the college will be considered starting with the SAP calculation performed at the conclusion of the first payment period following enrollment as a first-time freshman.

Repeated Courses

A student who has received a failing grade in a required course at the college may repeat the course, pursuant to the college’s policy on repeating courses. For the purposes of SAP, required courses that are failed and repeated multiple times will count toward a student’s hours attempted, hours completed, and grades received. Also pursuant to federal regulations, a student may only receive federal financial aid for one repetition (repeat) of any previously passed course. All repeated courses will be included in the total attempted hours for SAP evaluation.

Change of Major

Students who change their major are still expected to complete the coursework for the new major within the maximum allowable hours. All attempted hours from a prior major will be included in the total attempted hours. If a change in major results in a student not meeting SAP, the student may submit a SAP appeal that, if granted, will allow the student to continue receiving aid while under an academic plan.

Second Degree

A student who completes his/her degree then pursues a second degree at the same level (i.e. a student with an Associate’s Degree who begins a new program to earn a second Associate’s Degree) is still expected to complete the coursework for the second degree within the maximum allowable hours.

All attempted hours from the previous degree at the same level will be included in the total attempted hours. If pursuing a second degree at the same level results in a student not meeting SAP, the student may submit a SAP appeal that, if granted, will allow the student to continue receiving aid while under an academic plan.

Pass/Non-Pass Grades

Pass/Non-pass grades will not impact the cumulative GPA component of a SAP determination. However, they will be included in the pace of progression and maximum allowable hours components.

RE-ESTABLISHING ELIGIBILITY

A student who is not making satisfactory academic progress may choose not to submit an appeal. If this is the case, the student will not be eligible to receive federal financial aid until he or she is in compliance with all components of the SAP policy. Not enrolling in college for a period of time then re-enrolling will not bring the student into compliance with the SAP policy. The student will need to attend classes without federal financial aid at his/her own expense until he/she is once again in compliance with the policy. This may take several payment periods to accomplish, but it will be the responsibility of the student to improve his/her academic performance during this time. A student may request his/her academic record be reviewed by the Financial Aid Office. If the student is found to be in compliance, eligibility for federal financial aid can be re-established.

The SAP Review Process

Satisfactory academic progress will be reviewed at the end of each payment period by the college’s Financial Aid Department for all students, and students who received aid the previous semester (payment period) will be notified of their updated status, in writing, via email.
Status Codes

All LCTCS colleges will use the following codes to comply with this policy:

(1) NEW - student is attending college for the first time, this includes students who received credit before earning a high school diploma (or equivalent), or for completing tests or assessments, or for life experience or military service.

(2) TRANS - student is enrolling in the college for the first time and has previously attended another postsecondary institution.

(3) GOOD - student meets all three standards and is eligible to receive federal financial aid.

(4) WARN - student failed to meet at least one of the standards at the end of the previous payment period and the student was in “good” or “new” standing during that previous payment period.

(5) APLAN - student failed to meet SAP, was granted an appeal, is placed on an Academic Plan.

(6) BAD - student is not meeting SAP and is not eligible to receive federal financial aid for the next payment period of enrollment.

Communications

LCTCS colleges have the autonomy to develop BANNER user defined fields that can be utilized to customize communications to students regarding SAP status and the SAP appeal process.

Appeals

Students who do not meet SAP standards have the right to submit an appeal to the college’s Financial Aid Appeals Committee. Appeals must be submitted by the college’s established deadlines, which should be published on the college’s website.

Appeals are typically based upon mitigating circumstances such as prolonged illness, accidents that required hospitalization of the student or a close family member, death of an immediate family member, or other extreme documented incidents. All appeals must include documentation that: (1) substantiates claims being made in the appeal and (2) demonstrates a change in current circumstances, making academic success likely if the appeal is granted. Appeals can only be made once per payment period.

If an appeal is approved, the student will be placed on an Academic Plan. The student will then be evaluated at the end of each payment period based on that plan.

SAP appeal decisions are final and cannot be overridden. If an appeal is denied, the student is not eligible for federal aid and must attend at their own expense until (1) the student meets the academic standards as outlined in the SAP policy or (2) the student successfully appeals and is approved to be placed on an academic plan in a future payment period.

Academic Plan

An Academic Plan is specifically designed for a student who does not meet at least one of the standards at the end of the previous payment period and who’s Financial Aid Appeal has been granted. The requirements within the Academic Plan must be met to regain eligibility. Students will need to meet the standards of the Academic Plan each payment period until meeting the SAP standards. Not enrolling in college for a period of time then re-enrolling will not bring the student into compliance with the SAP policy, and may require the student’s academic plan to be re-adjusted.

At minimum, the Academic Plan will require that the student do the following:
(1) Earn a GPA of 2.0 each payment period

(2) Pass 75 percent of all hours attempted each payment period

Progress will be evaluated at the end of each semester for students who are following an academic plan. Students will remain on a plan until they attain the universally applicable SAP requirements.

To read the policy in its entirety, it may be found at https://www.sowela.edu/about/policies/.

HOW TO SUBMIT A FINANCIAL AID APPEAL

Students who do not meet Satisfactory Academic Progress (SAP) standards may have the right to appeal to the Financial Aid Office. These appeals must be based on mitigating circumstances.

Examples of mitigating circumstances may be defined as, prolonged illness, accidents that require hospitalization to the student or a close family member, death of an immediate family member, or extenuating personal circumstances.

The student must provide the following in order to appeal:

1. Complete a Financial Aid Appeal Form.

2. Submit a typed letter that includes all of the following:
   a. Why the student failed to make satisfactory academic progress.
   b. Why the student is appealing. (Example: not meeting a 2.0 GPA or 67 percent completion rate.)
   c. What types of mitigating circumstances existed and documentation of the situation.
   d. What has changed in the student’s situation that will allow the student to demonstrate progress at the next SAP evaluation?

Appeal Decisions

The financial aid appeals committee will review all appeals and make a decision on whether or not the student can remain eligible to receive financial aid. All decisions will be logged on to the student’s LOLA account. Possible outcomes include:

Appeal Granted but with an Academic Plan:

The student will be notified of this decision via LoLA. The student should obtain a degree audit from their advisor then visit the One Stop Center so that an academic plan can be created by a financial aid counselor. The student will sign the plan and will have to adhere to it each semester until reaching the universal SAP requirements. Failure to adhere to the academic plan will result in a loss of financial aid eligibility.

Denied

If the appeal is DENIED, the student is not eligible to receive federal aid and must attend at his/her own expense. The appeals decision is FINAL; therefore, a student may not appeal the decision.

*All appeals MUST have documentation that corresponds with the type of appeal the student is filing.*
RETURN OF TITLE IV FUNDS POLICY

According to the Federal Student Aid Handbook, Title IV funds (Pell Grants and the SEOG Grant) are awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, or ceases attending class, the student may no longer be eligible for the full amount of Title IV funds that the student was originally scheduled to receive. For this reason, students who are considering withdrawing or ceasing attendance in one or more classes should visit the One Stop for a consultation. Withdrawing could cause the student to have to repay a portion of the funds received. The amount of aid that a student has earned is directly related to the length of time he or she has maintained attendance during the semester. The law requires that if a recipient of Title IV assistance withdraws from an institution before completing more than 60% of the semester in which the recipient began attendance, the institution must calculate the percentage and amount of Title IV assistance that the student earned.

To view the full Return of Title Funds Policy and Pell Payment Calculation Policy visit https://www.sowela.edu/admissions/financial_aid/financial-aid-policies-terms/.

Official Withdrawals

A calculation using the days in the semester and the days the student attended/ was enrolled in school will be used to determine the portion of aid that the student earned. The student’s official withdrawal date will determine the last date for which the student can receive credit for attending school.

Unofficial Withdrawals

Students receiving Title IV aid who stop attending all classes and receive all F’s will be treated as unofficial withdrawals. The withdrawal date will be determined as either the midpoint of the semester or the last documented date of attendance in an academically-related activity as defined by Federal Regulations.

TYPES OF AID AVAILABLE

Federal Pell Grant

The Federal Pell Grant is considered gift-aid that does not have to be repaid, unless students who receive the aid never begin attendance or withdraw from school and owe a refund. The amount they receive depends on their financial need, the cost of attendance, and their enrollment status. Students must complete the FAFSA (Free Application for Federal Student Aid).

The Pell Grant award is based upon their EFC and enrollment status. The Pell Grant award is based solely on financial need.

FSEOG Grant

The FSEOG Program provides need-based grants to help low-income undergraduate students finance the costs of postsecondary education. Priority is given to those students with exceptional need. This grant does not have to be repaid, unless the students receiving the aid never begin attendance or withdraw from school and owe a refund. The amount of FSEOG they receive depends not only on their financial need but, also, on the amount of other aid they receive and the availability of funds. The individual amount of their award is based on the availability of funds, hours enrolled and their demonstrated financial need.

GO Grant

The GO Grant is a state grant that does not have to be repaid. The requirements include but are not limited to, a Louisiana residence, must be a Federal Pell Grant recipient and must be enrolled in a certificate or degree program. The Go Grant funding is limited and will be awarded on a first-come, first-served basis.
Taylor Opportunity Program for Students

The Taylor Opportunity Program for Students (TOPS) scholarship is awarded to graduating Louisiana high school seniors who have met certain academic requirements and have filed a Free Application for Federal Student Aid (FAFSA). The TOPS scholarship will be funded at an amount based on state of Louisiana appropriations. It does not cover the cost of books, supplies, and fees. TOPS recipients must enroll in an eligible school, as full-time students, within one year after graduation from high school. To maintain eligibility, completion of 24 credit hours during the fall and spring semesters, with a minimum overall GPA of 2.5, and yearly submission of the FAFSA are required.

Students who qualify for a TOPS Technical scholarship cannot receive their award while enrolled in the General Studies, Louisiana Transfer Degree, or Associate of Science in Nursing programs. TOPS Technical eligible students can receive the scholarship for a maximum of two academic years, assuming the state has made appropriations for the award. For more information, please contact your high school counselor or the Louisiana Office of Student Financial Assistance (800) 259-5626, ext: 1012.

Federal Work-Study Program

The Federal Work-Study Program (FWS) is an award from federal funds that allows students to earn money to meet educational expenses. Students must have financial need to be awarded work-study. This program encourages community service and work related to the students' courses of study. Students will be paid at least the federal minimum wage and can work 10 to 20 hours per week.

Veterans Affairs Educational Benefits

Potential recipients must complete the application process online at www.gibill.va.gov or through the local Veteran’s Affairs Office located at 1000 Ryan Street, Lake Charles, LA 70601 or by phone: (337) 491-2309.

Verification of enrollment for students is completed electronically by the Enrollment Services One Stop Center after the application process and no sooner than the first week of class.

After the application process is complete and the VA Enrollment Certification Form is submitted each semester, verification of enrollment for the students is completed electronically by the Veteran Certifying Official.

Louisiana National Guard

Members of the Louisiana National Guard may be exempt from paying the tuition portion of fees.

The exemption only covers the tuition portion and the students are still responsible for any and all additional fees relevant to payment of classes before the semester of study begins. The student may claim the exemption at the time of registration by identifying himself/herself as an eligible recipient of this exemption. Eligibility is confirmed via a list of eligible recipients given to the Enrollment Services One Stop Center by the state. Students must be pursuing a degree seeking program and must remain in good academic standing.

SOWELA Technical Community College must permit any individual who is entitled to educational assistance under Chapter 31(Vocational Rehabilitation and Employment) or Chapter 33(Post-9/11 GI Bill) benefits to attend or participate in the course of education during the period beginning on the date on which the individual provides to SOWELA Technical Community College a Certificate of Eligibility for entitlement to educational benefits under Chapter 31(Vocational Rehabilitation and Employment) or Chapter 33(Post-9/11 GI Bill) benefits. The Certificate of Eligibility for Chapter 33 can include a “Statement of Benefits” obtained from the individual
eBenefits account, or VA Form 28-1905 from the individual Vocational Rehabilitation counselor and end on the earliest of the following dates:

1. The date on which the payment from VA is made to the institution.
2. 90 days after the date, the institution certified tuition and fees following the receipt of the Certificate of Eligibility.

SOWELA Technical Community College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds on any covered individual because of the individual’s inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under Chapter 31(Vocational Rehabilitation and Employment) or Chapter 33(Post-9/11 GI Bill) benefits.

Scholarships

A number of SOWELA Foundation and institutional scholarships are available due to the generosity of local donors and supporters of SOWELA. A scholarship application may be completed online at https://www.sowela.edu/admissions/financial_aid/scholarships/. Notices will be posted in the Enrollment Services One Stop Center and throughout the campus when a specific scholarship becomes available. Departmental scholarship notices will be posted within the specific department.

Louisiana Rehabilitation Services

Individuals with physical or mental disability for which the individual constitutes or results in a substantial impediment to employment may qualify for assistance through Louisiana Rehabilitation Services. Students wishing to apply under this program should contact the local Louisiana Rehabilitation Services Office for assistance at 3616 Kirkman Street, Lake Charles, LA 70605, or call (337) 475-8038.

Workforce Innovation and Opportunity Act (WIOA)

WIOA is a federally funded program that assists adults, dislocated workers, and youth (ages 14 – 21) by providing job training, education, and employment services. Interested individuals must participate in a three-step process (Core, Intensive, and Training), after which eligibility is determined by the WIOA office. Services are subject to availability, but may include tuition, books, supplies, child care, transportation, etc. For more information contact the Calcasieu Workforce Center at 2424 3rd Street, Lake Charles, 70601 or by phone at (337) 337-721-4010.

HARDSHIP WAIVER OF TUITION and FEES

The Hardship Waiver of Tuition and Fees Policy provides a tuition exemption to eligible Louisiana students for the increase in tuition along with the cost of the Academic Excellence Fee and the Operational Fee. Students must complete an application and meet all criteria in order to be eligible; application must be made each semester or session. The Hardship Waiver of Tuition and Fees Application can be found at the Enrollment Services One Stop Center and in the offices of each academic department. The policy and the application can also be found on the Financial Aid page of the College’s web site. Adult Student, Continuing Student, and First-Time Freshmen Tuition Waivers provide tuition exemptions to eligible students. Students must complete an application with supporting documentation requested and meet all the criteria for a review of eligibility. Applications and criteria can be found on the college website at https://www.sowela.edu/admissions/financial_aid/financial-aid-forms/.
INDEBTEDNESS TO THE INSTITUTION

Students who do not meet their financial obligations as scheduled are not permitted to continue attending classes. The College will not release a transcript or other information unless the financial account of the student is paid in full and the student is in good standing.

Fines and replacement fees will be assessed for overdue books and other materials borrowed from the library. For non-returned items, the cost of replacement will be charged to the student. Unpaid fines and replacement fees will be added to the student’s bill and will result in a hold being placed on the student’s records.

A non-sufficient fund (NSF) fee of $25.00 will be charged to students who write NSF checks to SOWELA. The amount owed, plus the $25.00 fee, must be paid in cash in the Business Office upon notification by the school.

The charge for each returned check is $25.00. If the check is written payable to SOWELA by a student or on his behalf and is returned to the College, that student will forfeit all check writing privileges with SOWELA in the future. Payment by cash, cashier’s check, money order, or credit card will be required.

Putting a stop payment on a check will not constitute an official resignation from the College.

STATEMENT OF NON-DISCRIMINATION

SOWELA supports the Civil Rights Act of 1964, “Executive Order #11246, Title IX” of the Educational Amendments of 1972”, “Section 504”, of the Rehabilitation Act of 1973, and the Americans with Disability Act. No person shall be excluded from participation in, denied the benefits of, or subjected to discrimination under any program or activity of the college on the basis of age, race, religion, color, gender, national origin, or disability.

Any student who has a grievance related to discrimination should contact the Compliance Officer at complianceceofficer@sowela.edu, 337-421-6565 or 800-256-0483.

STUDENT EDUCATIONAL RECORDS

A SOWELA student educational record includes all the documents required for admission to the College as well as electronic, digitized and paper documents related to registration, add/drop or withdrawal from classes, academic standing, attendance, appeals, credential completion, graduation and placement. Other documents related to enrollment may also be included. The security, maintenance and integrity of the student educational record is the responsibility of the Registrar’s Office.

The Nursing Department maintains records required for students to become certified by the Louisiana State Nursing Board of Practical Nurse Examiners. In addition to the documents required for admission to the College, a copy of the student’s driver’s license, Social Security card and an original birth certificate are maintained.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

SOWELA intends to fully comply with the Family Educational Rights and Privacy Act (FERPA). This Act gives students the right to inspect and review their educational records, to request correction of inaccurate or misleading information, to authorize disclosure of educational records, and to file complaints with the U.S. Department of Education concerning alleged failure to comply with the act.

Student information will be released only upon the student’s written request or authorization.
To gain access to their educational records, students must submit a written request, available in the Registrar’s Office which specifies the records that they wish to inspect. Access to records will ordinarily be provided within 24 hours of the student’s request.

If students believe that any information in their records is inaccurate, misleading, or in violation of their privacy rights, they may complete a Request to Amend Records form available in the Registrar’s Office.

At the post-secondary level, parents have no inherent right to inspect a student’s educational record. The right to inspect is limited solely to the student.

Records or information may be given to parents only if the following conditions have been met:

1. Student signs a written consent. Consent forms are available in the Registrar’s Office.
2. Request is in connection with a health or safety issue.
3. Parent submits evidence that he/she claimed the student as a dependent on his/her most recent Federal Income Tax Form.

Students may not inspect or review the following: financial information submitted by their parents, nor employment, job placement, or education records containing information about more than one student (in which case the institution will permit access only to that part of the record which pertains to the inquiring student).

Directory Information may include a student’s

- Name
- Local address/Phone number
- SOWELA e-mail address
- Date and place of birth
- Major field of study
- Full- or part-time status
- Participated in official recognized activities and sports
- Dates of attendance
- Degrees, honors, and awards received
- Most recent educational agency or institution attended

**HARASSMENT/SEXUAL HARASSMENT POLICY**

Harassment, including sexual harassment, is prohibited by the Equal Employment Opportunity Commission, the Office for Civil Rights, and state regulations (R.S.23:301,312,332), and therefore, it is the policy of the Louisiana Community and Technical College System Board of Supervisors and SOWELA Technical Community College that unlawful harassment of employees and students is prohibited.

Harassment is physical, verbal, and visual conduct that creates an intimidating, offensive, or hostile environment, which interferes with work/academic performance. This includes harassment because of race, sex, sexual orientation, religious creed, color, national origin, ancestry, disability or medical condition, age, or any other basis protected by federal, state or local law, ordinance or regulation.

Sexual Harassment is defined by the Equal Employment Opportunity Commission as: Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature...when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual’s employment/academic success, (2) submission or rejection of such conduct by an individual is used as the ba-
sis for employment/academic decisions affecting such individual, or

(3) such conduct has the purpose and effect of unreasonably interfering with an individual’s work/academic performance or creating an intimidating, hostile, or offensive working/academic environment.

SOWELA applies this definition to the areas of academic advancement, academic standing, or academic performance.

The workplace/academic harassment infringes on employees’/students’ rights to a comfortable work/academic environment, and it is a form of misconduct that undermines the integrity of the employment/academic relationship. No employee/student, male or female, should be subjected to unsolicited and unwelcome overtures or conduct, either verbally, visually, physically, or electronically transmitted. Although this list is not all-inclusive, examples of conduct that is prohibited include the following:

• Taking any personnel/academic action on the basis of an employee’s/student’s submission to or refusal of sexual overtures
• Unwelcome or unwanted conversation
• Unwelcome or unwanted touching
• Continued or repeated verbal abuse of a sexual nature
• Explicit or degrading verbal comments, suggestions, or slurs about another individual or his/her appearance
• Offensive comments regarding sexual or private matters
• Display of sexually suggestive pictures, objects
• Offensive jokes
• Verbal abuse, comments, names, or slurs that in any way relate to an individual’s race, color, sex, sexual orientation, age, religion, national origin, or disability
• Any other offensive or abusive physical, visual, or verbal conduct

This policy applies to all members of the LCTCS Board of Supervisors, employees, students, supervisors, managers, faculty, vendors, and all other individuals doing business with SOWELA. It is the policy of SOWELA that no member of the SOWELA community may harass another. This includes harassment of an employee by another employee, of a student by an employee, of an employee by a student, of a student by another student. Additionally, under appropriate circumstances, SOWELA may take action to protect its employees and students from harassment, on SOWELA property, or at events sponsored by SOWELA, by individuals who are not students or employees of SOWELA.

A complaint of harassment should be presented as promptly as possible after the alleged harassment occurs. Employees who believe they are the subject of harassment or who have knowledge of harassing behavior must report such conduct to their direct supervisors, and the institution’s human resource department. SOWELA has developed a system of recording all formal written complaints to be submitted and kept on file in the office of Human Resources.

Students who have problems, questions, and grievances can discuss these with a SOWELA counselor. Some college officials or faculty members can assist in counseling for sexual harassment problems. Throughout the counseling process, information divulged is held in the strictest confidence, and no information is released unless the complainant agrees to inform a third party who can facilitate a solution. Any students inquiring about a complaint or concern can seek the advice of a SOWELA faculty/staff member, and the faculty/staff member can accompany the student to discussions with the designated officer, advisor, or counselor. A formal charge is not made by merely discussing the complaint, and
no repercussions/ reprimands are issued for initiating a complaint.

However, the college is also obliged to protect the rights of a person(s) against whom a complaint is lodged. Efforts are made to resolve issues in a reasonable amount of time.

Students who believe they are the subject of harassment or who have knowledge of harassing behavior must report such conduct to the Executive Director of Enrollment Management and Student Affairs or Designee. They also may submit a complaint to the Chancellor. No student or employee is required to report or make a complaint of harassment to the person who is allegedly engaging in the problematic conduct. In the event that an individual feels uncomfortable making a complaint at the institutional level, such complaints may be made at the system level with the LCTCS Director of Human Resources, Louisiana Community and Technical College System, 265 South Foster Drive, Baton Rouge, LA 70806. The phone number is (225) 219-8700.

Employee complaints of harassment should be reported to:

**Director of Human Resources**
Human Resources Office,
Charleston Building, Suite 1104;
Phone: (337) 421-6510.

Student complaints of harassment should be reported to:

**Director of Student Services**
Magnolia Building-Student Success Center;
Phone: (337) 421-6974.

Complaints of harassment will be investigated promptly and in as an impartial and confidential a manner as possible. A member of human resources will conduct investigations, unless otherwise deemed necessary, in order to ensure an impartial and confidential investigation. SOWELA will not tolerate any type of discipline or retaliation, direct or indirect, against any employee/student or other person who, in good faith, files a complaint of or responds to questions in regard to having witnessed prohibited harassment.

False charges are treated as serious offenses and may result in disciplinary and/or civil action.

Any employee/student or member of management who is found, after appropriate investigation, to have engaged in harassing conduct is subject to appropriate disciplinary action, up to and including termination of employment and/or student standing per the College’s current policies which govern students.

**Appeal:**

- To obtain a hearing with the Chancellor, a student must submit a written request within 10 days after the report from the Human Resource office is rendered.

- Once the Chancellor receives a request for a hearing, he/she appoints a chairperson to head the Committee of Review. Two members are also selected for the committee in the following manner:
  
  — The complainant selects one committee member; and
  
  — The person named in the complaint selects a member.

- Only full-time, permanent employees can serve on the Committee of Review. The composition of the Committee of Review may include faculty, staff, or a combination of both.

- Committee of Review thoroughly investigates the complaint of sexual harassment and conducts a hearing. Involved parties are informed of the date and time of the hearing by certified mail, return receipt requested, at least three days prior to the scheduled hearing. An accused faculty member is given notice pursuant to “Section 212” of the Policy Manual and relevant sections of the Policy Manual and SOWELA statutes.
Hearing is conducted pursuant to procedures established by the Committee of Review and in compliance with the policy.

Committee presents its findings, along with any pertinent information, to the Chancellor for further dispensation, which usually takes place within 10 working days after the conclusion of the hearing.

The Chancellor renders a final decision and notifies the involved parties within a reasonable period of time.

**SEXUAL ASSAULT POLICY**

**Emergency Phone Number (337) 274-9790**

When reporting a sexual assault, confidentiality is vital. Sexual assault is an act of violence in which a person subjects a victim to contact of a sexual nature against the victim’s will. It is an illegal act on the SOWELA campus. Sexual assault includes rape, assault to commit rape, sexual battery, aggravated sexual battery, object rape, statutory rape, sodomy, aggravated sodomy, public indecency, and stalking. Sexual assault, in its various forms, is defined under Louisiana law.

**Procedures**

1. Students should immediately report incidents of sexual assaults to the SOWELA Safety Coordinator, Director of Student Services and/or Executive Director of Enrollment Management/Student Affairs.

2. Students will be assisted in seeking counseling and follow-up medical care, addressing academic concerns, and reporting incident(s) to the appropriate authorities. It is crucial that a victim receive prompt medical attention. For medical and counseling services, contact the Louisiana Rape Crisis Center 24-hour crisis line at (800) 656-HOPE (4673).

3. A victim of sexual assault should preserve any evidence that can be used to prove an occurrence of sexual assault. Victims are advised to consult law enforcement officials before showering, bathing, changing, or laundering clothing worn during an assault.

Even if a victim bathes, showers, or somehow compromises evidence, the victim should report the assault. Valuable information can still be obtained by an investigation conducted from remaining evidence taken from a victim’s person.

4. After a sexual assault is reported, campus personnel should take reasonable and necessary steps to secure the crime scene and protect the victim.

**Rights and Responsibilities of the Victim**

1. A report of sexual assault is treated seriously, and the victim treated with dignity. Campus organizations/personnel who deal with sexual assaults should be contacted to assist the victim.

2. A victim has the right to have the alleged sexual assault(s) investigated and adjudicated by the duly constituted criminal and civil authorities of the governmental jurisdiction where the alleged incident(s) occurred and to full and prompt cooperation and assistance of campus personnel in notifying the proper authorities. Campus disciplinary proceedings are held in addition to these procedures.

3. Campus personnel are prohibited from pressuring a victim to do the following: a) not report the crime(s) to civil/criminal investigating authorities, campus law enforcement personnel, or disciplinary authorities, or b) report the crimes as less than what actually occurred.

4. SOWELA offers a victim advice, assistance, or representation at campus disciplinary proceedings, the same as offered to the accused.

5. A victim is notified of the outcome of the disciplinary proceedings.

6. Campus personnel should cooperate in obtaining, securing, and maintaining evidence.
(including medical examination documentation) required to prove the occurrence of criminal sexual assault for subsequent legal proceedings.

7. SOWELA personnel are to contact and exercise the option(s) provided by state and federal laws and regulations regarding mandatory testing of sexual assault suspects for communicable diseases and in notifying victims of the results of the testing.

8. A victim is provided information regarding counseling.

Rights of the Accused

1. The accused has the right to have the alleged sexual assault(s) investigated and adjudicated by the duly constituted criminal and civil authorities of the governmental jurisdiction where the alleged incident(s) occurred; and to full and prompt cooperation and assistance of campus personnel in notifying the proper authorities and in providing any exculpatory information. Campus disciplinary proceedings are held in addition to these procedures.

2. SOWELA offers the accused advice, assistance, or representation at campus disciplinary proceedings, the same as offered to the victim.

3. The accused is notified of the outcome of the disciplinary proceedings.

4. The accused receives full and prompt cooperation from campus personnel in obtaining, securing, and maintaining evidence that may disprove the occurrence of criminal sexual assault in subsequent legal proceedings.

5. The accused is provided information regarding counseling.

*For more information, click on “The Student Consumer Information” link at the bottom of SOWELA’s website Home Page.

STUDENT CODE OF CONDUCT

Students, as members of the SOWELA college community, are expected to conduct themselves at all times in a manner that reflects respect for the rights of others and an appreciation of a diverse population.

Behavior that interferes with the learning process, is discriminatory, or is derogatory in nature will not be tolerated. Students should understand and exercise their rights, meet their responsibilities, and allow other students to enjoy the same privileges. The College maintains an academic environment for all without denying opportunities to any, and being unfamiliar with SOWELA policies and procedures does not excuse a student from acting responsibly. (See also Student Conduct Code Section)

In an educational environment, each instructor has the responsibility to maintain a classroom climate conducive to student learning. The instructor also has the authority to temporarily dismiss from class a student who disrupts that climate or interferes with the rights of other members to learn. The instructor does have an obligation to make students aware of rules for the class and to inform students if they are violating any class rules. A disruptive student may be required to attend a session mediated by a counselor before returning to the class. Extended or permanent exclusion from the classroom can be achieved only through appropriate procedures of the College.

The Chancellor or his designated representative may suspend or expel a student for violation of school rules or for conduct that is disruptive of the educational process. The disciplinary action shall be taken in accordance with the procedure provided for in this section.
SUSPENSION

SOWELA students may be suspended for up to five days by the Chancellor or his representative without the necessity of a formal due process hearing. Prior to the suspension, however, the student shall be advised by the Chancellor or his representative of the particular conduct of which they are accused, as well as the basis for the accusation. They are given the opportunity to explain their version of the events to the Chancellor or his representative. After giving the students this chance to respond to the charges against them, the Chancellor or his representative may investigate further. Or, if satisfied that sufficient information has been obtained, the Chancellor or his representative may take appropriate disciplinary action not to exceed a 10-day suspension.

The Chancellor or his representative should document the circumstances involved in the actions taken, along with the explanations given by the students, and prepare a written memorandum for the school’s files.

EXPULSION

No students shall be expelled for disciplinary reasons or suspended for more than 10 days without being offered the opportunity for a due process hearing on the charges made against them. If the Chancellor learns of charges against students which, if proven true, might necessitate expulsion, the Chancellor shall offer them an opportunity to participate in a hearing on the charges. The students may be suspended from appearing on the school premises until the time of the due process hearing; however, every effort should be made to provide for a prompt scheduling of the due process hearing.

At the due process hearing, the students may bring such witnesses as they desire to testify on their behalf on any matter pertinent to the allegations against them. They may introduce pertinent evidence, may cross-examine any witness(es) against them, and may have representation by legal counsel or such other person as they desire to act on their behalf.

Upon completion of the due process hearing, the Chancellor or his representative shall make a determination as to the disciplinary action to be taken as soon as possible and shall so inform the student of the action to be taken and the reasons why disciplinary action is being taken.

No hearing shall be required for terminating a student’s enrollment for failure to meet the school’s attendance requirements.

STUDENT GRIEVANCE PROCESS

The purpose of this grievance process is to provide an orderly and efficient method by which students may air and resolve their complaints about the conditions and policies at SOWELA.

The College defines a legitimate grievance as a circumstance that can be substantiated and is regarded by the student as a just cause for complaint. A grievance can be relevant to any incident involving another student, classroom instructor, faculty advisor, internship supervisor, administrator, or faculty member in the College. A grievance may deal with academic issues or other circumstances involving alleged unfair or irresponsible behavior including violations of department or college policies. To file an academic appeal see section Academic Appeal Procedure under the Academic Policies.

THE GRIEVANCE PROCESS

Step 1: Informal Processes – Within Five (5) Working Days of Occurrence

The College encourages students to make every effort to resolve their problems and concerns directly and informally with the faculty or other involved parties. Discussions among the in-
Step 2: Formal Procedures – Appeal to Grievance Committee

If, after utilizing the procedures outlined in Step 1, the students’ problems are not resolved, they have a right to appeal within 10 working days following the decision rendered by the School Dean. If a Grievance Committee is not established, the Executive Director of Enrollment Management and Student Affairs or Designee will appoint an *ad hoc* panel to conduct a hearing. The *ad hoc* panel will consist of five members, two of whom are students. The *ad hoc* panel will be selected from a pool of faculty, staff, and students in the standing Student Grievance Committee appointed by the Executive Director of Enrollment Management and Student Affairs or Designee and will consist of at least three faculty members, two staff members, and at least four students. The chair of the *ad hoc* panel will be appointed by the Executive Director of Enrollment Management and Student Affairs or Designee and will conduct the hearing according to the Guidelines for the Conduct of Student Grievance Hearings. After the hearing, the *ad hoc* panel will meet in closed session to determine its recommendations. The recommendations of the *ad hoc* panel or the Grievance Committee will be forwarded to the Executive Director of Enrollment Management and Student Affairs and the Vice Chancellor of Academic Affairs. The *ad hoc* committee chair will inform the student of the decision.

**GUIDELINES FOR CONDUCTING FORMAL STUDENT GRIEVANCE HEARINGS AT THE COLLEGE LEVEL:**

- A copy of the Student Grievance Form filed by the student will be forwarded to the department(s)/school(s) and parties involved by the Director of Student Services.

- Within five days of receipt of the student’s grievance form, the department(s)/school(s) will submit any prior responses to the student’s complaint, a list of any witnesses it anticipates involving in the hearing, and copies of any documents to be used at the hearing. Similarly, within 10 class days of filing the grievance form, the student will submit a list of any witnesses and copies of any documents the student anticipates involving in the hearing. Each party will receive a copy of the materials and list of witnesses submitted by the other party.

- If a standing Grievance Committee is not established, an *ad hoc* panel will be appointed by the Executive Director of Enrollment Management and Student Affairs. The panel members will be selected from the pool of members on the College Student Grievance Committee and will consist of five members, two of which will be students. The Executive Director of Enrollment Management and Student Affairs or Designee will appoint the chair. The department(s)/school(s) and the student will be notified of the membership of the panel within five working days of receipt of the student’s grievance form. Either party has five class days to request that panel member(s) be disqualified for bias. The Executive Director of Enrollment Management and Student Affairs will consider such requests and make a final decision regarding membership of the panel.

- The Director of Student Services and/or the School Dean will forward all materials to the hearing panel and will schedule an evidentiary hearing within 10 working days of receipt of all
written information. All parties involved will be notified as to date, time, and location of the hearing.

• The Grievance Officer will serve as hearing officer and conduct the hearing utilizing the following format:

1. The petitioner and the respondent will each provide a brief opening statement.

2. Each party will make a presentation of position and evidence, beginning with the petitioner. Witnesses may be called at this time. Questioning will be restricted to members of the hearing panel and the hearing officer. Questions by the involved parties to the witnesses will be addressed through the hearing officer.

3. Each party will have the opportunity for rebuttal during which additional evidence may be introduced to refute points made by the other party.

4. Each party will make a brief summary statement.

• Attendance at evidentiary hearings is limited to the hearing officer, panel members, the petitioner, the respondent, and their respective witnesses. Witnesses may be present only during their own testimony.

• After the hearing the panel will meet in closed session to determine its recommendations that will be forwarded to the Executive Director of Enrollment Management and Student Affairs. The written recommendations will include a finding of facts regarding the incident and application of College procedure. The Executive Director of Enrollment Management and Student Affairs will inform all parties of a decision within five (5) class days after the hearing.

Step 3: Student – Appeal to the Chancellor

If the grievant or the party or parties against whom the grievance is addressed desire to appeal a decision of a Student Grievance Committee, he or she must deliver a written request for such appeal to the Chancellor within three (3) working days of receipt of the Committee’s decision. A request should describe in detail all reasons or bases upon which the grievant or the party contends the decision of the Student Grievance Committee is erroneous.

The Chancellor shall have the authority to affirm, remand, modify, or reverse the decision or the findings of the Committee. Within approximately ten (10) working days of receiving the written request, the Chancellor shall send the grievant and the party or parties against whom the grievance has been filed his decision by certified mail, return receipt requested.

The decision of the Chancellor is final as to all student appeals, except those in which the grievant is alleging discrimination on the basis of age, sex, race, national origin, religion, or disability. In the event the grievant is alleging discrimination on the basis of age, sex, national origin, religion, or disability, the full Board of Supervisors will serve as the College’s final appellate authority.

Step 4: Student – Appeal to the Louisiana Community and Technical College System (LCTCS) Board of Supervisors

To initiate this final step of the grievance process, a grievant or the party or parties against whom the grievance has been filed who is not satisfied with the determination made by the Chancellor may appeal the ruling to the full Board of Supervisors. In order to be considered, the appeal must be made in writing within fifteen (15) working days after the date the Chancellor’s determination is mailed to the grievant or the party or parties against whom the grievance has been filed and be addressed to:

Executive Assistant to the President
Board of Supervisors
265 South Foster Drive, Baton Rouge, LA
70806-4104
(Via certified mail).
The Board of Supervisors shall render a written disposition of the grievance appeal within twenty (20) school days from the date of the appeal hearing unless all parties agree to an extension. The decision of the Board of Supervisors may be appealed to judiciary courts or the grievant may request resolution by contacting the College’s accrediting agency.

**Effect of Failure to Comply with Time Requirements or Voluntary Withdrawal**

1. If a student fails to comply with any of the time requirements set forth herein with respect to completing and delivering the documents required to pursue his or her appeal, to appear, or be represented at any hearing, or otherwise to meet his or her other obligations under these procedures, then the last decision rendered on behalf of the College will stand as final, and all proceedings will be terminated.

2. The College shall make every reasonable effort to comply with the timeliness requirement specified. The Chancellor shall investigate failures to comply with the timeliness requirements and take appropriate action. The College’s failure to meet any deadline shall not exempt the student from any sanctions under this policy.

3. A student’s decision to withdraw from school during a disciplinary proceeding shall not affect the College’s right to continue the disciplinary process or impose sanction.

**CAMPUS SECURITY**

The following policies have been adopted to comply with the requirements of the Campus Security Act (PL 101-542):

1. In the event that students, faculty, or staff members witness or discover a criminal/illegal activity, they should first notify campus security. A report will be written and kept on file, with action taken as needed.

2. Records shall also be maintained of any illegal acts which occur during any off-campus school-sponsored activities.

3. Campus crime statistics are made available by the Office of Facilities.

**ALCOHOL AND DRUG POLICY**

SOWELA is committed to providing a drug-free environment for students, visitors, and employees. SOWELA prohibits unlawful possession, use, or sale of any alcoholic beverage or controlled dangerous substance.

Any person who violates the school policy will be subject to disciplinary action, up to and including termination of employment or enrollment. Violations are subject to referral to the appropriate authorities for prosecution. The revocation of federal licenses and benefits, such as public housing tenancy or pilot licenses, etc., rests with authorities of the individual federal agencies. Students, visitors, and employees are expected to adhere to all federal, state, and local laws and ordinances concerning illicit drug violations. SOWELA will make every effort to keep a copy of the current laws and ordinances on file in the Administration office.

Each new student is provided the electronic link for the following information during orientation:

- Policy of maintaining a drug-free workplace and campus.
- Statement that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited on campus property or as part of any of its activities.
- Description of health risks associated with the use of illegal drugs and the abuse of alcohol.
- A clear statement that the institution will impose disciplinary sanctions on students (consistent with local, state, and federal law) and a
description of those sanctions, up to and including expulsion and referral for prosecution when appropriate.

**Drug Free Schools and Communities Act**

The Drug Free Schools and Communities Act Amendment of 1989 (Public Law 101-226) requires the college to remit certification to the Department of Education that it has adopted and implemented a program to prevent illicit use of drugs and abuse of alcohol by its students and employees. The program includes:

1. Standards of conduct concerning the unlawful possession, use, or distribution of drugs; and the illegal use of alcohol by students and employees on college property or at any college activity

2. A description of the legal sanctions for violating the law

3. A clear statement of the College’s sanctions issued for the commission of these types of violations

4. A description of any drug and alcohol counseling, treatment, or rehabilitation services offered at SOWELA

5. A description of the health risks associated with the use of illicit drugs and abuse of alcohol.

The information below complies with the requirements of the act.

**Statement of Purpose**

Alcohol abuse is a major issue in the community and on college campuses. Use of alcohol or drugs can lead to physical abuse, date rape, auto accidents, violence, health issues and other self-destructive behaviors.

SOWELA Technical Community College complies with state, federal, and local laws pertaining to alcohol and enforces underage drinking laws. SOWELA policy prohibits the consumption, possession, or distribution of alcoholic beverages and disciplines individuals under the influence of any controlled substance while on college property or participating in college-sponsored trips or activities. The use, possession, or distribution of illegal drugs or being under the influence of a controlled substance is strictly prohibited on college property or while participating in college-sponsored events.

**College Sanctions**

Disciplinary actions are taken for the commission of violations pertaining to the SOWELA drug policy by any student, faculty, or staff. Depending on the nature of the offense, disciplinary action takes the form of a written reprimand, a suspension, a demotion, a reduction in pay, or termination of affiliation with SOWELA. Disciplinary actions for students are issued in accordance with school policies. Examples of sanctions include warnings, probation, exclusion, restitution, suspension of privileges, community service, termination of employment and/or expulsion/suspension from the college.

**Legal Sanctions**

It is unlawful in Louisiana to produce, manufacture, distribute, dispense, or possess illegal drugs. The most common illegal drugs on college campuses are marijuana, opium derivatives, hallucinogens, depressants, cocaine, cocaine derivatives, and amphetamines. The Criminal Code of Louisiana carries specific penalties for the possession and use of illegal drugs. It is also unlawful in Louisiana for anyone under 21 years of age to purchase/possess alcoholic beverages for any reason or anywhere open to the public.
Controlled Dangerous Substances Sch I –Sch IV (R.S. 40:981.3)

It is unlawful to possess, sell, distribute, or manufacture drugs listed in the statute. The drugs include, but are not limited to, marijuana, cocaine, “crack” cocaine, methamphetamines, heroine, “rush” LSD, “roofies,” and prescription drugs without having obtained a prescription from a licensed physician. Persons found guilty of one of these drug violations are subject to a fine of not less than $500, may be imprisoned at hard labor for up to 30 years or; if found selling illegal drugs on campus, can be imprisoned at hard labor for up to 45 years.

Effects of Alcohol and Drug Use

Alcohol consumption causes marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses also increase the incidence of various aggressive acts, including spouse and child abuse. Moderate to high doses cause marked impairments and higher mental functions, severely altering one’s ability to learn and remember information.

Very high doses cause respiratory depression and death. Combined with other depressants of the central nervous system, much lower doses of alcohol produce the same effects. Repeated use of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening.

Long-term alcohol consumption in large quantities, particularly if combined with poor nutrition, can also lead to permanent damage to vital organs such as the liver and brain. Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome, irreversible physical abnormalities, and mental retardation.

Research shows that children of alcoholic parents are at greater risk than others of becoming alcoholics.

Marijuana usage negatively affects physical and mental processes; it can produce paranoia, impair short-term memory and comprehension, and alter one’s sense of time. Research indicates marijuana smoke contains more cancer-causing agents than tobacco smoke.

Cocaine stimulates the central nervous system; produces psychological and physical dependence; crack is very addictive. Effects include dilated pupils, increased pulse and elevated blood pressure, loss of appetite, hallucinations, paranoia, and seizures. Use of cocaine can cause death by cardiac arrest or respiratory failure.

For more details on other substances, please see SOWELA website Counseling Resources.

TOLL FREE INFORMATION

Substance Abuse Helpline:
1-800-662-HELP(4357)

Narcotics Anonymous (Lake Charles):
(337) 439-5753

Lake Charles Office of Behavioral Health:
(337) 475-8022

Calcasieu Parish Sheriff’s Office:
Non-emergency: (337) 491-3600
Emergency: 911

National Council on Alcohol and Drug Dependency: 1-800-NCA-CALL (622-2255) for referrals to local treatment facilities.

SEARCH AND SEIZURE

Lockers and desks are the property of SOWELA. As the property of the school, they are subject to search for any contraband at any time, upon the reasonable belief of the Chancellor or his designee that the lockers and/or desks may contain material which is not allowed on the school campus. Bringing a tool box or book bag and operating a motor vehicle on campus are privileges granted to students. The granting of these privileges is conditional upon the consent of the students to a search by the school administration of tool boxes, book bags and/or motor vehicles to determine if they contain material which is not allowed on the school campus.

This search and seizure policy applies to materials such as weapons, illegal substances or drugs, alcoholic beverages, and other similar material. Local law enforcement authorities may be included in this process if the Chancellor determines a need for such involvement.

EMERGENCY PROCEDURES

The campus will follow the procedure as outlined in the Emergency Policy and Procedure Bulletin located in each classroom and shop area. All personnel and students should leave the building in accordance with the evacuation plan. Emergency procedures are reviewed at the department orientation.

PERSONAL PROPERTY

The school will not be held responsible for personal property of students. Vehicles cannot be left on school property after hours without permission from administration. Lost or stolen property should be reported to the program instructor and campus police.

PROTECTIVE ORDERS

Protective orders are documents issued by a court of law for cases of domestic violence or other criminal activity. They are issued to provide relief from abuse or harassment by a spouse, intimate partner, or family member.

If an employee or student is granted a protective order, that individual is encouraged to furnish a copy of the order and if available, photographs of the offender(s) to campus security.

Campus security officers are available during normal class hours to assist in the enforcement of protective orders. This information shall remain confidential unless the employee or student holding the protective order signs a written release.

SAFETY

At SOWELA, the safety of students, personnel, and visitors is of great importance. The college assumes the primary role of providing a safe atmosphere in which to work and study. Campus Security are available between the hours of 6:00 a.m. and 9:30 p.m., Monday through Friday.

Students and employees should contribute to the safe atmosphere by assuming their own responsibility for safety. Every attempt shall be made to reduce the possibility of accidents; therefore, the teaching of safe practices shall be integrated into the curriculum of all programs.

Students should be alert to prevent injury to themselves and to others. Students should avoid damaging equipment, tools, and buildings. Safety practices should be followed at all times in the operation of equipment. Instructors will provide specific rules for each program area. Students should not operate machines or equipment on which they have not received instruction. Students may work in the shop areas only under instructor supervision. Visiting from shop to shop will not be permitted.

In case of sickness or minor accidents, students should first inform the instructor. Appropriate first-aid treatment will be provided.
If necessary, the school will telephone an emergency contact to come to the school for the injured or sick student. No emergency or sick room is maintained at the school. A first-aid kit is located in each department or school.

In case of a serious accident, notify emergency personnel at (337) 274-9790 or (337) 421-6535. An ambulance may be summoned. Personnel in charge at the time of the accident will make that determination. All medical expenses are the responsibility of the student.

The Executive Director of Facilities and safety coordinator shall be consulted in all safety/accident situations.

TOBACCO USE/SMOKING

Tobacco-Free Campus

To the extent permitted by State law, all faculty, staff, students, visitors, vendors, contractors, and all others are prohibited from using any tobacco products (cigarettes, cigars, smokeless tobacco, snuff, chewing tobacco, electronic cigarettes, etc.) while on the property of SOWELA Technical Community College.

The use of tobacco products is prohibited at all times as follows:

1. In all interior spaces of SOWELA Technical Community College in Lake Charles, Jennings, and Oakdale;
2. On all outside property or grounds of SOWELA Technical Community College in Lake Charles, Jennings, and Oakdale;
3. In all SOWELA Technical Community College vehicles;
4. In all indoor and outdoor athletic facilities of the College;

All tobacco industry promotions, advertising, marketing, and distribution of such products in any format are prohibited on campus properties and for campus activities, as well as direct funding from tobacco companies for such programs.

The sampling and/or sale of tobacco products and tobacco-related merchandise (including logo-containing items) is prohibited on all college property and at college and student organization/group-sponsored events, regardless of the operating vendor.

Organizers and attendees at campus events such as, but not limited to, conferences, meetings, lectures, social events, cultural events, etc. using SOWELA Technical Community College facilities will be required to abide by the tobacco-free policy and procedures. Offices responsible for reserving facilities shall be responsible for informing organizers of events. Organizers of such events are responsible for communicating the policy to attendees and for enforcing this policy.

Littering the campus with the remains of tobacco products or any other disposable product is prohibited.

Penalties for violations to the policy are:

a. **Students**
   1st offense - Verbal warning and reminder that SOWELA is a tobacco-free campus
   2nd offense - $30 ticket or 3 hours of campus service
   3rd offense - Student is required to meet with the Student Grievance Committee for violation and additional disciplinary sanctions

b. **Faculty/Staff**
   Any faculty or staff members who violate the Tobacco-Free Campus policy will be referred to their immediate supervisor for penalties. SOWELA Technical Community College employees who violate this policy will be informed that they may be asked to leave the premises.

c. **Others on campus**
   Visitors, vendors, contractors, and others not specifically employed by SOWELA Technical Community College will be reported to the de-
partment or school responsible for their presence on campus. In circumstances, where departmental or school leadership is unable to remedy the situation, then the SOWELA Technical Community College Facilities/Security Department will be contacted for assistance. Non-SOWELA Technical Community College employees who violate this policy will be informed that they may be asked to leave the premises. Vendors and contractors may be subject to action, including, the legal termination of a contract.

SOLICITATIONS
No one is permitted to solicit money from the student body for any cause unless permission is granted by the school administration.

TELEPHONE
As a courtesy to students and instructors, pagers and cell phones must be turned off or set to vibrate mode when in classrooms, labs, or shop areas.

TRAFFIC AND PARKING
The speed limit is 15 miles per hour on the campus. Students are to park in designated areas. Students should not park in spaces for Faculty/Staff during day-time classes. During night-time classes, after 5:00 p.m., students may park in Faculty/Staff spaces. Parking rules for parking in Handicap and Fire Zones will still be enforced. Students should not park in spaces for Visitors and should not park in driveways or exits. Campus police will hand out parking tickets for parking violations.

Those coming to SOWELA to take tests should park in designated Visitor’s Parking areas.

Handicapped parking is allowed for people who have been issued official DMV Handicapped Tags. People with temporary disabilities should contact the Executive Director of Facilities for parking.

All vehicles parked on the campus of SOWELA Technical Community College must have a SOWELA parking tag. Parking tags are valid for an academic school year (summer, fall, and spring semesters).

Parking tags are to be hung, facing outward, on the rear view mirror of the front windshield of the vehicle.

If students do not have a SOWELA parking tag, a vehicle registration check will be conducted through the State of Louisiana or officers will identify the student through other means.

In the event that students lock their keys in a vehicle, only a licensed locksmith may unlock the vehicle. No campus police officer can unlock a vehicle.

Parking violation fines must be paid at the Business Office.

The Campus Security Office is located in the Charleston Building (formerly Administration Building) and can be reached at (337) 274-9790.

Students indebted to the College will not receive official transcripts and will not be able to register for school until all fines are paid.

Parking violation fines are as follows:
- $15.00 - Faculty Parking
- $20.00 - No Parking Tag
- $20.00 - Expired Parking Tag
- $50.00 - Handicapped Parking
- $25.00 - Fire Lane
- $10.00 - Lawn/Sidewalk
- $25.00 - No Parking Zone
- $10.00 - Blocking Driveway/Vehicle
- $10.00 - Reserved Space
- $20.00 - Failure to Obey Officer
- $30.00 - Wheel Boot Fee
TEXTBOOKS
Textbooks and supplies may be purchased/rented from the SOWELA bookstore located in the Sycamore Student Center or online at http://www.sowelabookstore.com. Students may also utilize other online or on-ground bookstores if they choose. For a list of textbooks visit the SOWELA bookstore at http://www.sowelabookstore.com

LIBRARY AND LEARNING RESOURCE CENTER

The Library and Learning Resource Center (LLRC) is a comprehensive academic library which supports teaching and learning through its many resources and services. It is located in the Arts & Humanities Building and is open Monday through Friday. The facility includes 48 public computers, printers, photocopier, four private group-study rooms and individual study carrels. A separate library instruction classroom/computer lab offers 38 additional computers with linked printers.

Books, periodicals and audio-visual materials are accessible on open shelves which allow users the opportunity to browse and select materials themselves. Collections are arranged by Library of Congress Classification. Individuals with a current SOWELA identification card may borrow materials at the Circulation Desk. The loan period is 28 days with the option to renew. Also at the Circulation Desk, patrons may acquire a free LOUIS Card to borrow materials from participating Louisiana college and university libraries.

Through the library’s web page, patrons may connect to online tutorials, ebooks, full-text e-journals, streaming videos, and reference sources. Authorized students, faculty, and staff have off-campus, 24/7 access to these digital resources.

Professional librarians are available to assist patrons individually or to conduct group instruction. Assistance is available by e-mail sowelalibrary@sowela.edu and by phone (337) 421-6530.

SOWELA MORGAN SMITH LIBRARY/ JENNINGS, LA

The Library is open Monday through Friday. Assistance is provided by a librarian twenty-five hours per week. There are 16 public computers, two printers, photocopier, and two private study rooms. Students and faculty have access to a small focused collection of books, online resources, and books from the main library. Assistance is available by email sowelalibrary@sowela.edu and by phone (337) 421-6567 ext. 4656.

SOWELA OAKDALE LIBRARY/ OAKDALE, LA

The Library is open Monday through Friday. There are six public computers and a printer. There is a small focused collection of books to support the curricula. Students and faculty have access to online resources through the SOWELA website and materials at the main library. Assistance is provided by Oakdale staff at call (318) 335-3944.

INFORMATION TECHNOLOGY

The Information Technology Department is committed to providing the highest quality of services to assist with the information technology needs of the college community, students, faculty, and staff.

For assistance with an information technology problem, students, faculty, or staff should e-mail help@sowela.edu. They should include their full name, a description of the problem, and contact information. Students should also include their student ID number, username, and birthdate. Information Technology staff cannot work on PERSONAL equipment. For more information on services visit the SOWELA website, Quick Links, HelpDesk.
CENTER FOR EXCELLENCE IN INSTRUCTIONAL TECHNOLOGY (CEIT)

CEIT is designed to provide support to faculty and staff as they undertake new instructional ventures and learn to use new strategies, techniques, software, and technology in the delivery of instruction in traditional, online, hybrid, or telecourse formats. The CEIT provides services which include test proctoring, professional development, and instructional design support for the faculty in a myriad of educational technologies. The CEIT staff may also provide guidance to faculty and deans in determining what technology resources fit best with their particular courses and curricula.

eLEARNING

SOWELA offers electronic courses in two basic formats: online, hybrid, and online-enhanced. Online-enhanced classes are taught in a traditional face-to-face format but make use of a supplemental online site. Both the online and hybrid courses offer semester hour credit equivalent to face-to-face courses in terms of transferability. (No distinction is made on college transcripts.)

Most courses are offered in 15-week formats during the spring and fall semesters and an 8 to 10-week format during the summer. Specialty leisure-learning, career, or workforce-solution courses may employ a shorter format and may be offered between or during semesters.

First-time online and hybrid students are required to access and view online tutorial material before beginning their courses, which are all delivered using the Canvas® learning management system (LMS) by Instructure. A brief description of each type of course is offered below:

Online-enhanced: This is a traditional face-to-face format class, but the teacher has chosen to supplement the course by using a companion online-based course site to post a syllabus, grades, and/or other course documents.

Online: With this format, all coursework is presented, accessed, and submitted through the online-based course site for the class. Class members and teachers may never meet face-to-face although the teachers do reserve the right, in rare cases, to give high-stakes tests in a face-to-face environment, either on campus or through a proctored test environment at another location. In such cases, students would bear any costs associated with using a proctored testing center or vendor rather than taking the test on campus. Online classes will be noted as such in the class schedule.

Hybrid: This format is a combination of an online-enhanced and online class. The class will meet face-to-face on specific days of the semester, but all other work is done online. A hybrid class, for example, may meet only one or two hours a week on campus with the rest of the work done through the online course site. Hybrid classes will be noted as such in the class schedule.

SOWELA uses Canvas® LMS by Instructure. Students have a variety of Canvas® help sources available to them, including an online tutorial (required for students taking online or hybrid classes) a Student eLearning Manual, and help desk services. Help tickets may be submitted by sending a help request to: help@sowela.edu or by contacting the Canvas® Help Desk (link provided within the course site). Students should include a full description of the problems they are experiencing or the help that they need, as well as their full name, LoLA username, student ID number, full birthdate, and contact information.

Online Class Insights

Online classes are not for everyone. A certain measure of self-discipline is required of students to follow a schedule and get their work in on time without being verbally reminded by the teacher to do so.

Online classes allow flexibility for students, parents and working individuals because they...
are not tied down to attending class at a specific time on specific days. However, students still must meet deadlines for various assignments and tests scheduled throughout the semester.

Online classes are not necessarily easier. In some cases, they are more rigorous than face-to-face classes. Deadlines still must be met. The “lecture” element is not necessarily used in this format, and often more individual and group projects are assigned.

Online classes still require “attendance” … not in the usual sense … but students still must check their e-mail every day and should log in to the course site at least three times a week, preferably every day, to check for announcements, postings, and updates. Students must also communicate regularly (via e-mail or the in-course messaging system) with their online instructor(s).

Online classes require the same amount of “seat time” per credit hour as face-to-face classes – at least 15 hours of coursework, per credit hour, per semester.

To access SOWELA online courses, students may visit the SOWELA website at http://www.sowela.edu and click on the “Quick Links” link, then choose the “Canvas®” option, through their LoLA dashboard, or direct at https://sowela.instructure.com. Additional and up-to-date information about Canvas®, online classes, student email, and other technology-related topics can be found in the “Quick Links” SOWELA Help Desk.

Student Email

E-mail is a mechanism for official communication within SOWELA Technical Community College. The College has the right to expect that such communications will be received and read in a timely fashion. Official e-mail communications are intended only to meet the academic and administrative needs of the campus community.

For applicable policies visit, https://www.sowela.edu/about/policies Information Resources Technology.

Official College e-mail accounts are created for students once they enroll in a class, NOT upon their application to the College. The usernames for email accounts are the same as those for LoLA accounts, and generally follow the following format: firstnamelastname@students.sowela.edu (e.g., johndoe@students.sowela.edu.)

Students are expected to check their e-mail on a frequent and consistent basis in order to stay current with College-related communications. Students have the responsibility to recognize that certain communications may be time-critical.

Please be aware, the Canvas® inbox is NOT an email inbox. Canvas® maintains a messaging system that uses the student email as a holding area. If something is sent to your email address externally (not through Canvas®) it is NOT included in the Canvas® inbox. You could be missing important email. The only way to check your SOWELA email is by logging into the Google interface.

Users should exercise extreme caution in using e-mail to communicate confidential or sensitive matters, and should not assume that e-mail is private and confidential. Students should NEVER include their Social Security numbers or personal passwords in e-mail correspondence. It is especially important that users are careful to send messages only to the intended recipient(s). Particular care should be taken when using the “reply” command during e-mail correspondence.

Faculty will determine how electronic forms of communication (e.g., e-mail) will be used in their classes, and will specify their requirements in the course syllabus.
Student Wireless Accessibility

Wireless accessibility is provided to all SOWELA students. Connect to SOWELAGuest and enter Spring10.

Student Software Benefits

SOWELA provides all students a free copy of Microsoft Office. To obtain your copy, send an email to help@sowela.edu from your SOWELA email. Other benefits are listed on the help desk page. Visit www.sowela.edu, click Quick Links, Help Desk and review OnTheHub and other tabs.

INTELLECTUAL PROPERTY & SHARED ROYALTIES POLICY

SOWELA Technical Community College recognizes the need for and desirability of academic research. The primary purpose of this policy is to provide the necessary protections and incentives to encourage both the discovery and development of new knowledge and its transfer for the public benefit; a secondary purpose is to enhance the generation of revenue for the College and the creators.

SOWELA is committed to assist its faculty and other researchers in properly disclosing their scholarly work, in complying with applicable laws and formal agreements, and in gaining the protection available under the United States laws governing patents, copyrights, trademarks, and other appropriate provisions.

In order to review the full policy for objectives, definition/background, rights to ownership/disclosures, organization/management/administration and proceeds distribution, concerned individuals should refer to the SOWELA website About/Policies.
ACADEMIC LOAD

Full-time students are those who are registered for at least twelve (12) semester credit hours during the fall and spring semesters and at least six (6) semester credit hours during the summer session.

Students will be allowed to enroll for a maximum of nineteen (19) semester credit hours in the fall and spring semesters and ten (10) semester credit hours in the summer session. Only with the written recommendation of the School Dean and approval from the Dean of Instruction is a student permitted to exceed those limits.

Semester credit hours earned from enrollment in alternative delivery systems (e-learning courses, independent study, etc.) are included in the above enrollment figures.

STUDENT RECORDS

Permanent student records are maintained by the Office of the Registrar. All student records are confidential. Students who wish to review their records may do so through the Office of the Registrar. Documents submitted by students (from another institution or any other third party) become SOWELA property and will not be given back to, or copied for, the student.

Students are expected to notify the Office of the Registrar of all changes in their legal name, permanent address, and/or telephone number. A copy of legal records should be submitted to document a name change. The College is not responsible for a student’s failure to receive official information due to an incorrect name or address.

CHANGE OF MAJOR/PROGRAM

Students should discuss academic goals and programs with their academic advisors. When students wish to change their majors or programs, they must do so online. The Change of Major form is located on the SOWELA Website under the Admissions tab/Registrar’s Office link. The changes will become effective the semester following the submission of the requests.

Students may transfer from one program to another provided they meet the requirements that are in the current catalog for the new program. The Registrar approves the changes of major and makes the necessary adjustments in the Student Information System. All applicable credit earned will transfer to the new program.

CURRICULUM AND CATALOG REVISIONS

The catalog is published periodically. The provisions of this catalog are not to be regarded as an irrevocable contract between students and SOWELA Technical Community College. Normally, students may expect to be graduated under the requirements published in the catalog year in which they were officially accepted into specific programs; however, the College reserves the right to make and designate the effective date of changes in curriculum, course offerings, fees and other regulations if such changes are considered to be desirable or necessary.

If changes are made in curriculum, courses, and/or other requirements, the changes may be applied to students already enrolled, provided those changes do not increase the number of hours needed to complete a program of study and to receive a degree/diploma. If a program of study is revised, but the changes are not applied to the students already enrolled, students may voluntarily elect to follow the new requirements; however, the total credit hours required for graduation could be increased. Students readmitting will follow the degree requirements of the catalog in effect the semester they are readmitted. Changes in major or program of study will require the students to meet the requirements specified in the catalog published at the time of the change. Students should always consult the online catalog for the most current, officially approved courses and curricula.
PLACEMENT TESTING

The ACT and ACCUPLACER tests are designed to determine levels of proficiency in the areas of English, mathematics, and reading. Students planning to enroll at SOWELA should request that their ACT scores be sent to the Enrollment Services One Stop Center. SOWELA’s ACT Code is 5064. If ACT scores are unavailable or are below the scores required to enroll in college level courses, ACCUPLACER scores may be used for placement. Students whose ACT or ACCUPLACER test scores indicate a need for additional preparation in basic skills will be required to enroll in appropriate transitional courses to help prepare them for success in higher level courses. It should be noted that ACT and ACCUPLACER exams are administered for appropriate course placement only and are not used in determining admission to the college except when academic achievement levels are required by a licensure board (i.e. the Louisiana State Board of Practical Nurse Examiners).

Transitional courses are provided for SOWELA students who score below the minimum required placement scores. Transitional courses include ENGL 0098, ENGL 0099, MATH 0098, and MATH 0099. These courses may not be used to satisfy the degree requirements of any program.

CSSK 1010 College Success is a one credit hour course required for students who place in transitional coursework. Students must complete CSSK 1010 prior to or during the semester in which they anticipate earning an accumulation of 18 credit hours whether the credits are at the transitional or college level. Students earning below a “C” in CSSK 1010 must repeat the course. CSSK 1010 may be taken by any student enrolled at SOWELA. Students who are awarded at least 12 semester hours of transfer credit will receive a grade of “CR” in CSSK 1010.

GENERAL EDUCATION CORE REQUIREMENTS

In accordance with the policies established by the Louisiana Board of Regents, the LCTCS Board of Supervisors, and SACSCOC, SOWELA requires that graduates of degree programs must demonstrate competency in general education. To fulfill the General Education Core Requirement, students must complete the minimum hours of coursework as indicated by their respective degree plans.

Minimum Semester Hours of General Education Required for AAS, A, AA, and AS Degrees.

<table>
<thead>
<tr>
<th></th>
<th>AAS</th>
<th>A</th>
<th>AA</th>
<th>AS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>0</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

SOWELA students enrolled in AAS, A, AA, and AS degrees are required to successfully complete the general education core requirements in order to comply with this mandate. Course selection may vary by program but must be selected from each of the following areas: English Composition, mathematics/analytical reasoning, humanities, fine arts, social/behavioral sciences, and natural sciences.

The following courses may be used to meet the General Education Core Requirements. Specific course requirements vary by degree program; therefore, students should confer with their academic advisors.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>English Composition II</td>
</tr>
<tr>
<td>MATH 1000</td>
<td>Algebra for College Students</td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 1105</td>
<td>College Algebra &amp; Trigonometry</td>
</tr>
<tr>
<td>MATH 1110</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MATH 1120</td>
<td>Pre-Calculus Algebra</td>
</tr>
<tr>
<td>MATH 1305</td>
<td>Finite Math</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>Contemporary Mathematics</td>
</tr>
<tr>
<td>MATH 2100</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>MATH 2200</td>
<td>Calculus for Non-Science Majors</td>
</tr>
<tr>
<td>MATH 2500</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2510</td>
<td>Calculus II</td>
</tr>
<tr>
<td>BIOL 1010</td>
<td>General Biology I</td>
</tr>
<tr>
<td>BIOL 1020</td>
<td>General Biology II</td>
</tr>
<tr>
<td>BIOL 1033</td>
<td>Biology I</td>
</tr>
<tr>
<td>BIOL 1043</td>
<td>Biology II</td>
</tr>
<tr>
<td>BIOL 2100</td>
<td>Essentials of Anatomy and Physiology</td>
</tr>
<tr>
<td>BIOL 2103</td>
<td>General Microbiology</td>
</tr>
<tr>
<td>BIOL 2253</td>
<td>Human Anatomy &amp; Physiology 1</td>
</tr>
<tr>
<td>BIOL 2263</td>
<td>Human Anatomy &amp; Physiology 2</td>
</tr>
<tr>
<td>CHEM 1010</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>CHEM 1020</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHEM 1213</td>
<td>Introductory Chemistry</td>
</tr>
<tr>
<td>ENSC 2000</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>PHSC 1000</td>
<td>Physical Science I</td>
</tr>
<tr>
<td>PHSC 1200</td>
<td>Physical Science II</td>
</tr>
<tr>
<td>PHSC 1500</td>
<td>Astronomy</td>
</tr>
<tr>
<td>PHYS 2100</td>
<td>General Physics I</td>
</tr>
<tr>
<td>PHYS 2200</td>
<td>General Physics II</td>
</tr>
<tr>
<td>ENGL 2330</td>
<td>Major World Writers</td>
</tr>
<tr>
<td>ENGL 2410</td>
<td>Introduction to Fiction</td>
</tr>
<tr>
<td>ENGL 2420</td>
<td>Introduction to Literature</td>
</tr>
<tr>
<td>ENGL 2430</td>
<td>Intro. to Poetry and/or Drama</td>
</tr>
<tr>
<td>FREN 1010</td>
<td>Elementary French 1</td>
</tr>
<tr>
<td>FREN 1020</td>
<td>Elementary French 2</td>
</tr>
<tr>
<td>HIST 1010</td>
<td>Western Civilization I</td>
</tr>
<tr>
<td>HIST 1020</td>
<td>Western Civilization II</td>
</tr>
<tr>
<td>HIST 1210</td>
<td>World Civilization I</td>
</tr>
<tr>
<td>HIST 1220</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>American History I</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>American History II</td>
</tr>
<tr>
<td>HIST 2100</td>
<td>History of Louisiana</td>
</tr>
<tr>
<td>RELG 2110</td>
<td>Intro. to Religions of the World</td>
</tr>
<tr>
<td>SPAN 1010</td>
<td>Elementary Spanish 1</td>
</tr>
<tr>
<td>SPAN 1020</td>
<td>Elementary Spanish 2</td>
</tr>
<tr>
<td>SPCH 1000</td>
<td>Fundamentals of Speech Comm.</td>
</tr>
<tr>
<td>ARTS 1200</td>
<td>Introduction to Visual Arts</td>
</tr>
<tr>
<td>THEA 1013</td>
<td>Intro to Theatre</td>
</tr>
<tr>
<td>ANTH 2010</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>CRMJ 1110</td>
<td>Intro to Criminal Justice</td>
</tr>
<tr>
<td>ECON 2010</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>ECON 2020</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>GEOG 2010</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>GEOG 2110</td>
<td>Human Geography</td>
</tr>
<tr>
<td>GEOG 2215</td>
<td>Geography of Louisiana</td>
</tr>
<tr>
<td>POLI 1100</td>
<td>American Government</td>
</tr>
<tr>
<td>POLI 2100</td>
<td>State and Local Government</td>
</tr>
<tr>
<td>PSYC 2010</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>PSYC 2335</td>
<td>Psyc. of Human Development</td>
</tr>
<tr>
<td>SOCL 2010</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOCL 2020</td>
<td>Social Problems</td>
</tr>
</tbody>
</table>
CLASS ATTENDANCE

SOWELA is a non-mandatory attendance institution. Thus, students are considered enrolled and attending all registered courses. Student class attendance is confirmed by instructors taking attendance up to the official census date. It is the responsibility of students to officially withdraw from courses they are not attending prior to the start of the term of enrollment. Any courses in which the College establishes that they did not begin attendance will be dropped from their student schedules for non-attendance or no-show prior to the census date. Students may still owe a portion of tuition and fees for any courses dropped for non-attendance or no-show.

Should students decide to withdraw from school, they must complete required paperwork with an academic advisor. Failure to officially withdraw may affect the awarding and disbursement of Title IV aid and future balance owed.

Students receiving federal student aid, scholarships, and/or institutional awards should consult with the Office of Student Financial Aid prior to withdrawal.

Students who completely withdraw from SOWELA (dropping or withdraw from all courses) are subject to the Return of Title IV refund calculation as dictated by federal regulations Return of Title IV Policy.

ABSENCES FOR SCHOOL-SANCTIONED ACTIVITIES

Advisors for student organizations may request excused absences for students participating in school-sponsored and/or school-sanctioned activities. Organization advisors and students should follow the student organization handbook for submitting requests for excused absences. Advisors should make every attempt to limit the number of absences by working around student class schedules as much as possible. Students should also communicate with their instructors prior to their absences to determine if any assignments/quizzes/tests will be given in their absences and to coordinate make-up arrangements when necessary.

DROPS/WITHDRAWALS

During the initial two weeks of classes for the fall and spring semesters and the initial six instructional days for the summer and 1st and 2nd 7-week semesters, a student can drop courses online at the SOWELA website. Dropped courses are removed from the students’ academic schedule for that semester and will not appear on their transcripts. Refunds for dropped courses are based on the school’s current refund procedure. The school “Academic Calendar” lists those dates and refund percentages.

Students can withdraw from a course before the deadline published in the “Academic Calendar” for that semester after the refund period has ended. However, courses that are shorter than the full semester will have different deadlines. Students in these courses will need to check with their academic advisor or the Office of the Registrar for the withdrawal deadline.

Successful withdrawal from a class results in a letter grade of “W” for that course, which is the grade that appears on the student’s transcript.

Students who do not attend a class during the first fourteen (14) days of the semester may be dropped from the course. Students enrolled in Process Technology who are preregistered in Process Technology (PTEC) courses and do not meet all of the requirements listed under the Process Technology Progression Requirements section may be dropped from those PTEC courses. By this action, these dropped courses will be completely removed from the student’s academic schedule for the upcoming semester.

Failure to properly drop or withdraw may result in a grade of “F” being assigned for the semester. If students who are dropping a class or
classes or who are withdrawing from the college are receiving any type of financial aid, they must notify the Enrollment Services One Stop Center, the WIOA Office, and/or any other source of funding. Failure to do so may jeopardize any future financial aid and may result in their owing a repayment of funds.

WITHDRAWAL FROM SOWELA
(WITHDRAWING FROM ALL CLASSES)

Students must meet with their academic advisor to withdraw from the college. In addition, students should notify the Enrollment Services One Stop Center if they are receiving any type of financial aid. Equipment, books or any other items belonging to the college or instructor must be returned. The college is not responsible for any items left on campus. Failure to properly withdraw may jeopardize students’ financial aid and will result in a grade of “F” being assigned.

Employment information should be given to the School Dean or advisor when students withdraw from the college or if the students secure employment after withdrawal.

REINSTATMENT

Students who have been dropped from courses or who have dropped courses themselves may request reinstatement by obtaining a completed and signed Reinstatement Form from the Instructor. The completed form must be signed by the School Dean, Representative from the Business Office, and submitted to the Registrar’s Office. If reinstatement is requested after the published census date, the students/instructors must submit documentation of mitigating circumstances and receive approval from the Vice Chancellor for Academic Affairs before the student will be reinstated.

ACADEMIC RENEWAL

The purpose of Academic Renewal is to provide students with an opportunity to restart their academic record after a break in enrollment and a demonstration of academic maturation through performance upon re-enrollment.

Academic Renewal results in the recalculation of GPA and a reassessment of a student’s academic progress. Students are eligible to use Academic Renewal only once but may submit additional requests where extenuating circumstances exist.

Should a student be eligible for Academic Renewal, prior academic credit will carry forward for courses where a minimum grade of “C” was earned. Coursework where a minimum grade of “C” was not earned will be omitted from the student’s GPA as part of a degree program; however, the prior record remains a part of the student’s overall academic record.

Students should contact the Registrar’s Office to determine their eligibility and receive an Academic Renewal Form.

ACADEMIC INTEGRITY

SOWELA Technical Community College encourages academic integrity in all classes and requires academic integrity from all students. Students are expected to maintain honesty and integrity when completing all academic assignments and examinations.

Poor academic integrity examples include, but are not limited to the following:

- Submitting another student’s work as your own or allowing a student to submit your work as their own.
- Copying from another student on assignments or during an exam or allowing a student to copy from your assignments or exams.
- Receiving exam questions from a student who has already taken an exam or giving questions to a student who has not taken an exam.
- Listing false references.
- Making up research data.
- Using an author’s work without proper credit and citation (plagiarism).
- Plagiarizing any part of an assignment, essay, or exam.
- Using unauthorized materials obtained from instructors or students.
- Receiving unauthorized help on assignments or exams.
- Altering grades.
- Using a cell phone, pager, etc. during an exam.

Plagiarism, cheating, and other forms of poor academic integrity will not be tolerated. Students found guilty of such dishonorable acts in academic work will receive a grade of 0% for the work presented.

Instructors may also refer the students to the appropriate administrator for further disciplinary action that could result in an “F” in the course, dismissal from the course, dismissal from the college, and/or possible legal action.

To refer students for further disciplinary action, the instructor should inform the appropriate School Dean in writing and submit documentation to support the conclusion of a breach of academic integrity. The instructor should also recommend the disciplinary action(s) to be taken within the guidelines of this policy. The instructor’s request should be forwarded through the chain of command: Instructor, School Dean, Dean of Instruction, Vice Chancellor for Academic Affairs.

At each point along the chain, the academic administrator will review the material presented and may decide to advance the recommendation or terminate the action. If the recommendation is confirmed, the student will be informed in writing of the final decision and a record of the action will be filed in the student’s records.

Students have the right to appeal any decision by following the institution’s grievance policy.

**ACADEMIC APPEALS PROCEDURE**

A student who seeks to appeal a grade must follow the academic chain of authority (Instructor – School Dean – Dean of Instruction – Vice Chancellor for Academic Affairs – Chancellor). Grades may be challenged within the first two weeks of the semester following the awarding of the grade. The student is responsible for moving through the process as expeditiously as possible.

Students seeking to appeal their academic standing (Academic Probation or Suspension) will do so through the Dean of Instruction, using an Academic Appeals Form.

**STUDENT IDENTIFICATION CARDS (ID)**

Student identification cards are issued to students at the time of initial registration. All students enrolled at SOWELA must have an ID card and it should, for security purposes, be carried while on campus to permit immediate identification of SOWELA students. ID cards are required for students to access library services, to take tests in online classes, and for admission to social, cultural, athletic, and cultural events sponsored by the college. Students are assessed a $5 replacement fee for lost or stolen ID cards.

**LIVE WORK POLICY**

Certain occupational areas require specific skills or competency mastery that can best be obtained or demonstrated in a laboratory environment with real items or projects. Live-work projects provide real-world working conditions to such industrial and technical occupations as auto mechanics, auto body repair, and welding. Instructional live-work projects, when carefully managed and controlled, provide an essential dimension to laboratory learning for certain occupations as a planned and integrated component of the curriculum.

As a part of their training at SOWELA, students may be involved in live-work projects in which competencies are taught. Acceptance of
live work is at the discretion of the instructor and is determined by the need for projects which relate directly to the curriculum being taught at a given time. The college maintains the following for work done under this premise:

1. Work is limited to property owned by students, school employees, civic enterprises, or charitable organizations.

2. A written request for work must be approved by the program instructor, who will assign a student to the project and note competencies and/or units of instruction to be addressed.

3. The Chancellor or his representative must approve the request.

4. All costs involved in the work (parts, supplies, etc.) must be borne by person(s) requesting the work.

5. Neither the student(s) performing the work, nor the instructor supervising the work, nor the college, will be liable for losses or damages that might occur in connection with the work.

GRADUATION REQUIREMENTS

SOWELA Technical Community College holds graduation ceremonies at the end of the fall and spring semesters. Candidates for graduation must fulfill the following requirements:

1. Complete curriculum requirements with a minimum overall grade point average of 2.0 on all courses counted toward the degree or diploma.

2. Meet specific departmental requirements including a grade of "C" or better in all coursework required in the major subject area.

3. Earn at least 25% of the required hours in a program at SOWELA and at least one third of the major course work required in a program at SOWELA.

4. Be free of debt to SOWELA.

5. Submit an application for graduation, at the time of registration for the semester in which the candidate anticipates completing degree requirements for graduation.

GRADUATION APPLICATIONS

Students should consult with their academic advisor on a regular basis to ensure they are on track to meet all graduation requirements. All students must complete a graduation application regardless of their intent to participate in the graduation ceremony. Students must complete the application by the 10th instructional day of the semester they plan to graduate. If students do not complete the requirements in the semester as planned, they must reapply for graduation at the start of the semester in which they intend to complete. Applications can be completed online through BANNER self-service. Failure to complete the graduation application could result in students not graduating with their class.

GRADUATION CEREMONIES

Graduation ceremonies are held twice annually; once at the end of the fall semester and again at the end of the spring semester. Caps and gowns are ordered through the SOWELA Bookstore and are distributed at Grad Fest. Announcements and class rings may be purchased through the SOWELA Bookstore located in the Sycamore Student Center Building. Students who have completed a graduation application will receive graduation information, including commencement activities, through email. It is the student’s responsibility to ensure the Registrar’s Office has correct contact information.
HONOR GRADUATES
Students with excellent academic achievement are designated as “Honor Graduates” and “Graduates of Distinction”. Honor graduates must earn a program grade point average of 4.0 while Graduates of Distinction must earn at least a 3.50 program grade point average.

TRANSCRIPTS
Transcripts of grades must be obtained through the National Student Clearinghouse. The link to order a transcript can be found on SOWELA’s website under the Registrar’s Office link located under the Admissions tab. The fee for an official transcript is $3.00 per destination.

Transcript requests will be denied for individuals who owe a balance to SOWELA Technical Community College or any other Louisiana Community and Technical College System (LCTCS) institution. Students are able to log in to LOLA and print an unofficial transcript. Please contact the Business Office if you have questions pertaining to a balance owed at SOWELA.

FOLLOW-UP OF STUDENTS
SOWELA conducts routine follow-up surveys on all students. This data is used to evaluate the success of programs and the employment success of students. For this reason, students are asked to inform their advisors or the Placement Office of employment obtained following withdrawal from the college. Instructional Schools and/or the Office of Career Planning and Placement send follow-up letters or make follow-up phone calls to students who exit the school each semester, including graduates, in order to obtain program and placement information. Employers of students employed in a field related to their training are also contacted through a survey or questionnaire for the purpose of evaluating student performance and occupational programs.
GRADING SYSTEM

SOWELA uses a point grading system that ranges from 0.0 to 4.0. The level of academic performance for each student is designated on the transcript by a letter grade which has an assigned point value. Grades earned are reported by instructors at the end of each semester and are recorded on the student transcripts which are maintained by the Registrar’s Office.

Students should understand the evaluation process and grading systems used to calculate the grade point average. At the beginning of each semester, the course instructor discusses how knowledge is assessed and grades are awarded. This information is published in a course syllabus and students should discuss questions, concerns, and academic progress with their instructors.

Students may be evaluated by their instructors relative to the following factors: knowledge of course work, ethical behavior, safety, job performance, work attitudes, ability to follow instructions, ability to get along with others, attention to assignments, and pride in workmanship.

Final letter grades for a course are assigned by instructors at the end of the semester. The grades indicate the level of success/failure achieved by students. If students believe they have been assigned an incorrect letter grade for the course, they should discuss the issue with the course instructor. Students should refer to the section on Academic Appeals Procedure for the process and timeframe for initiating a grade challenge. After the period has expired, grades will be changed only for unusual circumstances.

Letter grades are used to determine a grade point average. The only exceptions are grades for transitional coursework and work ethic instructional units, which are not used to compute GPA or determine progress in fulfilling degree requirements.

Grades for transitional coursework and work ethic instructional units are indicated with an asterisk (*). The overall grade point average is an indicator of academic status and/or eligibility to remain in college. Each earned letter grade is converted to quality points assigned per semester credit hour. Grading symbols and quality point designations are as follows:

- **A**: 90 - 100% - Excellent; earns credit hours; carries a value of 4 grade points for each credit hour.
- **B**: 80 - 89% - Above average; earns credit hours; carries a value of 3 grade points for each credit hour.
- **C**: 70 - 79% - Average; earns credit hours; carries a value of 2 grade points for each credit hour.
- **D**: 60 - 69% - Below average; earns credit hours but may not meet graduation requirements; carries a value of 1 grade point for each credit hour.
- **F**: 59% or below - Failure; earns no credit hours; carries 0 grade points for each credit hour.
- **I**: Incomplete - Indicates some work is incomplete due to mitigating circumstances. The student may not re-enroll in the class. An “I” does not affect GPA calculation and earns no credit hours. The student must complete the coursework by the deadline published in the academic calendar, or the “I” grade will be changed to an “F” grade.
- **W**: Withdrawal - Indicates that a student has officially withdrawn (dropped) from a course.
- **WR**: Withdrawal due to natural disaster or unforeseen circumstances.
- **S**: Satisfactory (Non-credit courses only).
- **U**: Unsatisfactory (Non-credit courses only).
- **CR**: Credit received.
- **AU**: Audit.
Students are hereby informed that the grading scale may vary in programs regulated by state boards or federal guidelines.

All students will be able to view a grade report at the end of each semester / term through BANNER Self Service.

CALCULATING THE GRADE POINT AVERAGE (GPA)

The following steps should be used to calculate an overall grade point average. Ignore transitional courses and courses where a grade of “I”, “A*”, “B *”, “C*”, “D*”, “F*”, or “W” was given.

- For each course taken, multiply the course’s credit hours by the quality points of the grade earned to obtain the total number of quality points earned for that course.
- Add the total quality points for all courses.
- Add the total earned credit hours for all courses.
- Divide the total number of quality points by the total number of attempted credit hours.

The sample schedule illustrates how to determine an overall GPA:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Attempted Credit Hours</th>
<th>Earned Grade</th>
<th>Hours Earned</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>HIST 1020</td>
<td>3</td>
<td>B</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>PSYC 1200</td>
<td>3</td>
<td>C</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>BIOL 1010</td>
<td>3</td>
<td>F</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BUSI 1040</td>
<td>3</td>
<td>W</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>9</strong></td>
<td><strong>27</strong></td>
<td></td>
</tr>
</tbody>
</table>

Although the student in the sample schedule above attempted five courses (15 semester credit hours), he/she withdrew from one course prior to the withdrawal deadline; therefore, the course indicated with a “W” is not included in the overall calculation. The student has a total of 27 quality points from a total 12 credit hours earned...including the failed course, in which the student earned zero quality points. The student should divide 27 quality points by the 12 hours in order to calculate a 2.25 GPA. In this example, the student has earned three passing letter grades, but has one failing grade which lowers the student’s overall average. However, the student in the example has achieved satisfactory academic progress (a GPA of 2.0 or above), and therefore will not be placed on probation next term.

A grade point average is computed for all work that a student completes except work in transitional courses and courses where letter grades of “I”, “A*”, “B *”, “C*”, “D*”, “F*”, or “W”, are given. “I” (Incomplete”) is a temporary grade that has no grade value. The letter grade that replaces the “I” will be used to calculate the GPA. If the course is not completed by the following semester after an “I” grade is recorded, the “I” grade is automatically converted to “F”. 
REPEAT COURSES
SOWELA students are allowed to repeat courses. Only the last grade earned will be used in computing the GPA (EVEN IF THE LAST GRADE IS LOWER THAN THE PREVIOUS GRADE). Students who choose to repeat a course in which they have already earned a passing grade are hereby cautioned that failing to complete the course satisfactorily may result in a failure to complete graduation requirements. Academic advisors should discourage students from repeating courses previously passed.

INCOMPLETE GRADES
An Incomplete “I” grade may be requested only in extraordinary circumstances when a student who is passing is unable to complete the course on schedule. “I” grades may be issued for students who are currently passing the class, attending regularly, and can reasonably complete the coursework by the deadline published in the academic calendar or by the date agreed upon in the Incomplete Grade Contract. The student is responsible for making up the work within the mandated time period. The “I” grade will convert to an “F” grade if not changed by the day grades are due the semester following the issuance of the “I”.

Examples of extraordinary circumstances are serious illness or injury, death in the family, sudden change in employment schedule or sudden need for employment, act of nature, and other emergencies deemed appropriate and verified by the instructor.

The Procedure for Awarding an “I” is as follows:

1. Students should initiate the request for grade of “I” with the instructor.

2. After students provide verification of the extraordinary circumstances, they and their instructor complete and sign the Incomplete Grade Contract/Request Form obtained from the School.

3. The Incomplete Grade Contract/Request Form must be approved by the School Dean and the Dean of Instruction.

4. The Incomplete Grade Contract/Request Form, accompanied by the appropriate verification, must be submitted to the Registrar’s Office no later than the date the semester grades are due.

AWARDING OF TRANSFER CREDIT
Students should submit a currently issued official transcript from all institutions of higher education that they have attended during the first semester enrolled. Transcripts become the property of SOWELA and part of the permanent student record.

Decisions regarding the award of transfer credit will be determined no later than the end of the first semester students are enrolled.

Transfer credit is generally accepted from institutions that are accredited through recognized agencies. Transfer credit from other institutions will be considered on a case-by-case basis. Conversion from quarter hours to semester hours and conversion to a four-point grading scale will be made as needed. Course content, prerequisites and level of instruction will be reviewed. Students may be required to provide course syllabi to determine transfer credit eligibility.

Only grades of “C” or better will be considered for transfer credit. Once the credit becomes a part of the student’s official record at SOWELA, it will not be removed.

Students must provide an official course-by-course evaluation of credentials for all college or university academic credit earned from foreign institutions. In most instances, this will include detailed course descriptions and/or course syllabi in addition to a properly translated transcript. The credential evaluation must be sent directly from the evaluation service to the institution.
Foreign credentials must be evaluated by agencies accredited by National Association of Credential Evaluation Services (NACES at naces.org). Instructions for ordering a credential evaluation can be found on each evaluator’s respective website.

Inquiries regarding the application of transfer credit toward the completion of program requirements should be directed to the Registrar’s Office; however, decisions relating to this matter will be determined by the student’s academic department. Grades awarded for any and all transfer credits are excluded when calculating the SOWELA institutional grade point average. However, grades for transfer credit will be included when calculating the student’s overall grade point average.

No credit will be given for courses taken at other institutions while under suspension from SOWELA.

Only courses appearing on a college transcript will be considered for transfer credit. Students with Advanced standing/placement at a previous institution due to ACT Scores or institutional advancement exams can NOT receive credit for courses that were bypassed.

EXCEPTION: RN program admission to Clinical will consider courses taken at other institutions with earned grade of (“D”, “F”, or “W”).

APPEALING THE TRANSFER DECISION

After a decision regarding transfer credit has been determined, students should direct questions regarding the awarding of transfer credit to the Office of the Registrar. If the student remains dissatisfied with the transcript evaluation after consulting with the Registrar’s Office, then the student may pursue the issue through the transfer credit appeals process.

If the Registrar’s Office is unable to resolve the student’s concern, then the Office will request a formal explanation from the Chief Articulation Officer. The Chief Articulation Officer will respond via email to the Registrar’s Office and to the student and will provide a detailed explanation of the decision.

The decision of the Chief Articulation Officer may only be appealed by a currently enrolled student or a School Dean acting on behalf of a prospective student. A student who wishes to appeal the transfer decision further must follow the academic chain of authority (School Dean in which the course under appeal is housed – Dean of Instruction – Vice Chancellor for Academic Affairs – Chancellor). Within 14 days of the Chief Articulation Officer’s response, the student may submit a Transfer Credit Appeals Form (available in the Registrar’s Office) to the Dean of the School in which the questionable course is housed. The School Dean should make every effort to respond within two weeks.

If the student remains dissatisfied with the transfer decision, the student may continue appealing through the academic chain. After each decision the student has 14 days in which to elevate the appeal; otherwise, the last decision is considered final. The student is responsible for moving through the process as expeditiously as possible.

PRIOR LEARNING ASSESSMENT

SOWELA recognizes that students enter the college with a wide variety of backgrounds and learning experiences establishing firm grounding in a particular discipline. Through credit for Prior Learning Assessment (PLA), SOWELA offers students the opportunity to earn college credit for knowledge and skills attained through educational or work experiences. We recognize prior learning and provide several assessment methods to measure mastery of college-level introductory course content.
SOWELA offers PLA options to currently enrolled students wanting to pursue college credit based on non-traditional means. Each PLA option listed below includes the passing score required to receive credit which will be reflected on the student’s transcript as “CR” but will not be used in computing grade point averages or in determining academic standing. Applicability of this transcribed credit toward fulfilling degree requirements is determined by the School Dean overseeing the content area.

While SOWELA encourages utilization of these PLA opportunities, students should recognize certain limitations. PLA options are available ONLY to students that are officially registered at the College. Students completing the admissions process but not enrolled are ineligible for PLA credit. A maximum of 33% of coursework required in a degree program may be earned through PLA. Credit earned by PLA may or may not be transferrable to other colleges and universities. Therefore, students are strongly advised to meet with a program advisor or contact the college or university to which they plan to transfer for advice.

Students may NOT request PLA for currently or previously enrolled courses and no refunds will be awarded for coursework previously completed.

**PLA Procedures**

Listed below are the necessary steps required for students wishing to participate in PLA for each option.

1. **Military Credit (for technical skills, not general education):**
   - Provide official Military Transcript to the Registrar’s Office.

2. **Credit/Challenge Exam:**
   - Obtain a Credit Exam Form from the Academic Schools.

3. **Advanced Placement (AP):**
   - Submit scores directly to the Registrar’s Office.
   - Registrar’s Office will review AP scores for a three, four, or five on specific subjects for credit. Students that successfully achieve required credit-granting scores on these exams will be awarded the appropriate credits for each course.

4. **CLEP:**
   - Submit scores directly to the Registrar’s Office.
   - Registrar’s Office will review CLEP scores for ACE recommended scores of 50. Appropriate credit will be awarded and transcripted. The college accepts previously accepted CLEP examinations as recorded on an official college transcript.
5. Industry Based Certifications:
   - Submit copies of current certifications to the School Dean overseeing the subject area of the certification.
   - School Deans will review the certifications and make recommendations to the Registrar’s Office on college credit as outlined on the PLA Matrix.

6. ACT Scores:
   - Submit copies of ACT scores under three years old to the Registrar’s Office.
   - Scores will be reviewed and credit awarded for the equivalent courses.
   - Students with superior ACT scores in Math and English may be placed in upper-level courses. Upon successful completion with a C or better, students must request credit for the lower-level courses through the Registrar’s Office.

<table>
<thead>
<tr>
<th>Minimum score on English section of ACT</th>
<th>Eligible for ENGL 1010.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Eligible for ENGL 1020.</td>
</tr>
<tr>
<td>26-27</td>
<td>Credit awarded for ENGL 1010.</td>
</tr>
<tr>
<td>28 on English and a 28 composite score</td>
<td>Credit awarded for ENGL 1010 and ENGL 1020.</td>
</tr>
<tr>
<td>32 on English and a combined English and composite score of 60</td>
<td>Credit awarded for ENGL 1010 and ENGL 1020.</td>
</tr>
</tbody>
</table>

7. Portfolio Review:
   - Contact the Dean of Instruction (DoI) office for information about the Portfolio Review process and pick up an application.
   - Students are referred to Academic School Deans to determine potential for portfolio credit.
   - If the student decides to continue the PLA process, the student should report to the business Office to pay a non-refundable fee for each portfolio review.
   - Student submits final portfolio to the Dean of Instruction.
   - Portfolio is sent to School Dean/Subject Matter Experts for review.
The School Dean notifies the DoI of the student’s assessment score who in turn notifies the student of the credit decision.

- A minimum passing score of 75% is required. The DoI notifies the Registrar’s Office for transcripting.

8. Skill Assessment Review: used in technical skill areas such as welding where performance is assessed.

- Skill Assessment Reviews will follow the same process as the Portfolio Reviews.

The deadline for submitting Portfolio and Skill Assessment Review Applications is midterm of each fall and spring semester. The deadline for student feedback from the Dean of Instruction is Finals Week of the semester in which the student applied.

Students wishing to appeal the results of the portfolio and/or skills review should complete an Academic Appeal Form with the Dean of Instruction’s Office.

The PLA Matrix is on the SOWELA website at the following link: https://www.sowela.edu/programs/prior-learning-assessment/

DEAN’S LIST

The Dean’s List has been established as a means of encouraging and recognizing academic excellence. The criteria for qualification are as follows:

- Full-time students (those who complete 12 or more semester credit hours in a semester and/or six semester credit hours in a summer term) will qualify for the Dean’s List if their Grade Point Average (GPA) for the current term is 3.5 or greater.

- Students must not have a grade of “F” or an incomplete (“I”) for the current semester, nor can grades for transfer credit be used in the computation of GPA for the Dean’s List.

Transitional courses are not included.

You may view the Dean’s List on our website under Programs at www.sowela.edu.

ACADEMIC PROBATION

Students that have at least 15 GPA hours and fail to maintain Satisfactory Academic Progress during any term will be placed on academic probation at the end of that term. (See table below). Students on academic probation are encouraged to contact their advisors during the semester of probation to develop a plan for academic success. Students on academic probation may be required to attend workshops designed to bolster academic performance. Students on academic probation must wait to register for the subsequent semester until the previous semester grades are available. The scale used to determine Academic Probation is provided below:

<table>
<thead>
<tr>
<th>Overall GPA Hours</th>
<th>Minimum Overall GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>1.54</td>
</tr>
<tr>
<td>16-30</td>
<td>1.75</td>
</tr>
<tr>
<td>31-45</td>
<td>1.95</td>
</tr>
<tr>
<td>46 &amp; above</td>
<td>2.0</td>
</tr>
</tbody>
</table>

Students will remain on academic probation until they raise their overall grade point averages to a 2.00 or are suspended.
ACADEMIC SUSPENSION

If a student has at least 24 GPA hours and is unable to maintain Satisfactory Academic Progress while on academic probation, the student is then suspended for the next spring or fall semester, whichever occurs first. Further, students may not enroll in summer or interim courses until they have completed the fall or spring suspension. During this suspension term, the student may not enroll in any programs at SOWELA. No credit will be given for courses taken at other institutions while students are under suspension from SOWELA.

Students seeking to return after suspension must complete an application for readmission. Students will reenter on academic probation. Students failing to maintain Satisfactory Academic Progress after one semester of academic probation will not be allowed to enroll in any program for one calendar year from the date of the second suspension.

Students on academic suspension may appeal to the Dean of Instruction requesting a change in academic standing from Suspension to Probation. Students may obtain an Academic Appeals Form from the Office of the Dean of Instruction. Students must submit documentation of extenuating circumstances in the form of a letter or via e-mail. A committee will review the request and notify the students of the committee’s decision. Students are cautioned that approved appeals may require specific measures be taken that will assist in raising their overall GPA.

NOTE: Satisfactory Academic Progress and readmission guidelines for the Practical Nursing program differ due to policies of the Nursing Department and the Louisiana State Board of Practical Nurse Examiners. State Board policies will supersede those of the school.

TRANSFER OF CREDITS TO OTHER INSTITUTIONS

While most courses at SOWELA are designed to lead to direct employment in a specific career, other courses are designed for transfer to other institutions of higher education. The Louisiana Board of Regents Master Course Articulation Matrix is available to assist students with determining the potential transferability of courses. These matrices indicate transfer equivalencies of courses among Louisiana’s public colleges and universities and may be accessed through the Board of Regents’ web page at https://regents.la.gov/master-course-articulation/. Students should note that the matrices are not all-inclusive. The determination of what credit will transfer from SOWELA Technical Community College rests with the receiving institution. Therefore, students are advised to contact the institution to which they intend to transfer to inquire about the potential transferability of courses and to determine whether the courses may be used to meet graduation requirements within their chosen major.
The Enrollment Management and Student Affairs Division has multi-faceted offices providing services including advising, disability services, career services, counseling, tutoring, and student life activities. Their goal is to provide opportunities for students to gain their full career and educational potential using state-of-the-art learning resources.

ADVISING SERVICES

The mission of Flight Advising Success Team (F.A.S.T.) at SOWELA Technical Community College is to support and empower students to reach their academic and career goals by promoting an environment of shared responsibility that fosters an ongoing collaboration between academic advisors, faculty advisors, and students. Whether new or transferring, first-time SOWELA students should visit the Sycamore Student Center to receive guidance in developing a Flight Plan (academic plan) to navigate through college life.

The Flight Plan establishes a mechanism referred to as checkpoints where students can meet with Faculty Advisors. Faculty advisors act as mentors with detailed knowledge of the student’s program of study. Also, the faculty advisor double checks to see that the student is following an accurate plan toward graduation. Each instructional program will determine the times in a student’s progress when the Faculty Advisors will meet with the students. Checkpoints may occur after a student completes developmental coursework, when a student earns a specified number of credit hours, or perhaps when a student is eligible for an exit point or earns an industry-based credential. Checkpoints may be conducted on an individual basis or in small groups at the discretion of each instructional program. Please see an Academic Advisor to determine your school/program checkpoint.

CAREER SERVICES

Career Services offers assistance to the students and alumni of SOWELA. Staff work closely with students seeking employment by working cooperatively with business and industry to stay informed of employment needs and opportunities. Career Services are committed to serving our students and employers in our region. Career Services offers a variety of career guidance resources, job search-related services, and skills training in resume writing and interviewing.

Career services resources include Career Coach software, which help students gain a better understanding of who they are, and how their personality and interests help in developing a satisfying and productive workplace. (For more information, please go to the Student Life web page at www.sowela.edu (http://www.sowela.edu))

Career fairs are held biannually on campus to offer an opportunity for students and alumni to network and make connections with potential employers.

COUNSELING

The Counseling Center offers a variety of services available to all currently enrolled SOWELA students. All services are free and confidential. Services include individual therapy, wellness workshops, classroom outreach, Learning Difficulties Testing, suicide prevention education, tobacco cessation classes, mediation between faculty and students, and crisis management. Our goal is to help students cope with everyday stressors, mental health issues, dilemmas in their personal development, or with painful events in their lives.

To learn about the Counseling Center call 337-421-6971 or email counseling@sowela.edu.
DISABILITY SERVICES

Students with disabilities are entitled to equal access to a post-secondary education. Title I and Title II of the Americans with Disabilities Act (ADA) are strictly adhered to, and the campus will make reasonable accommodations in facilities, services, policies, and practices so that qualified individuals with disabilities may have access to training. Students with impaired sensory, manual, or speaking skills or other disabilities have the responsibility to provide documentation in a timely fashion regarding reasonable accommodation needs.

In support of the college’s mission to identify and meet the educational needs of its community through innovative, dynamic programs, Disability Services ensures equal access to all campus programs and activities. The office promotes full participation in campus life for individuals with disabilities. Services are provided collaboratively to empower students to advocate for themselves and assume responsibility for their academic outcomes and personal goals.

Students must self-identify and apply in the Office of Student Services to obtain accommodations. Students must provide documentation from a board-certified physician or psychologist describing the nature of the disability and how it affects an individual’s major life activity. The doctor should also recommend the types of accommodations the student may need. Requests for special accommodations/services should be made at least six (6) to four (4) weeks prior to the first official day of classes each semester. For more information please contact (337) 421-6969.

As part of the Americans with Disabilities Act (ADA), the College allows people with disabilities to bring service animals with them to College activities, services, and programs. In accordance with Louisiana State Law, service dogs shall be currently vaccinated and wear a vaccination tag. Service animals are defined as “any animal individually trained to do work or perform tasks for the benefit of an individual with a disability, including, but not limited to, guiding individuals with impaired vision, alerting individuals who are hearing impaired to intruders, pulling a wheelchair for a person, or fetching dropped items for a person with limited mobility.” When an animal meets this definition, it is considered a service animal regardless of whether or not it has been certified by a training program. The College may not insist on proof of state certification before permitting the service animal to accompany the person with a disability. All service animals must be permitted to accompany a person with a disability. If there are any questions regarding service animals, the Office of Student Services should be contacted at (337) 421-6969.

STUDENT WIRELESS ACCESSIBILITY

Wireless accessibility is provided to all SOWELA students. Connect to SOWELAGuest and enter Spring10.

STUDENT SOFTWARE BENEFITS

SOWELA provides all students a free copy of Microsoft Office. To obtain your copy, send an email to help@sowela.edu from your SOWELA email. Other benefits are listed on the help desk page. Visit www.sowela.edu, click Quick Links, Help Desk and review OnTheHub and other tabs.

TUTORING

SOWELA offers tutoring for all students. For more information on Tutoring Services offered you can call (337) 421-6974. For more information please visit https://www.sowela.edu/student-life/student-services-student-tutoring/.
STUDENT ORGANIZATIONS

SOWELA encourages participation in student organizations and activities and offers students opportunities to grow socially, personally, and intellectually outside of the classroom. The activities of clubs and organizations enhance the educational experience of the student body. Participation in student activities helps students to develop leadership, communication, interpersonal relations and problem solving skills. For information concerning any of the organizations below, contact the Office of Student Services at (337) 421-6969.

Organizing Student Clubs/Organizations

The following are procedures for operating clubs/organizations:

Starting a Club/Organization
1. Students, faculty, or staff interested in starting/advising a club/organization must complete a Prospective Student Organization Form to register the club/organization with the Office of Student Services.
2. The Executive Director of Enrollment Management and Student Affairs or his/her designee will sign the constitution and Prospective Student Organization Form. Club members and advisors agree to follow club/organization guidelines and contribute to updating the Student Services section.

Club/Organization Advisors

Each Club/Organization has a faculty/staff member as an advisor. The advisor assists students with the club business and activities, mentors members of the club/organization, and provides guidance as necessary.

Club/Organization advisors are required to attend mandatory meetings at the beginning of the fall and spring semesters.

An advisor who is unable to attend should contact and make an appointment to meet with the Director prior to initiating any club/organization activities.

Club/Organization advisors should keep their Club Advisors Application current, and a copy should be kept on file in the Office of Student Services.

Scheduling Activities and Meetings

Student activities require prior approval from the Office of Student Services. Whenever any campus room or facility is used for club/organization activities, the club/organization sponsoring the event is responsible for cleaning the area and restoring it to presentable conditions.

To schedule an activity/meeting:
1. The club/organization must complete a Student Activity Request Form. The form must be signed by the organization’s president and/or advisor, and submitted to OSSS at least three weeks prior to the proposed activity. Clubs/Organizations must also fill out a Program Proposal and Evaluation Form. The “Program Proposal” section is to be completed prior to the event.
2. The Director of Student Services and the Director of Facilities or his/her designee must approve the use of space for the event, and sign the request form.
3. After the event, the club/organization should complete the Program Proposal and Evaluation Form by filling out the “Evaluation” section.

Clubs/Organizations

SOWELA Technical Community College students can join the following service clubs/organizations and honor societies: For a listing of current student organizations, contact the Student Services staff or check the web site at http://www.sowela.edu/student-life/organizations-activities/.
CAMPUS SAFETY & HAZING POLICY

The Board of Supervisors of the Louisiana Community and Technical College System (LCTCS) and SOWELA Technical Community College (SOWELA) are committed to providing a supportive educational environment free from hazing; one that promotes its students’ mental and physical well-being, safety, and respect for one’s self and others.

In an effort to maintain safety and in accordance with Louisiana Revised Statute 17:1801.1, 14:40.8, 14.502, mandatory Acts 635, 637 and 640, as well as the Board of Regents’ Uniform Policy on Hazing Prevention and LCTCS Policy #2.003, hazing in any form is prohibited at SOWELA for all students who participate in the institutions’ activities and organizations. (Policy # 2006.2)

A. Definitions

Hazing means any intentional, knowing, or reckless act by a person acting alone or acting with others that is directed against another when both of the following apply:

(i) The person knew or should have known that such an act endangers the physical health or safety of the other person or causes severe emotional distress.

(ii) The act was associated with pledging, being initiated into, affiliating with, participating in, holding office in, or maintaining membership in any organization.

Hazing includes but is not limited to any of the following acts associated with pledging, being initiated into, affiliating with, participating in, holding office in, or maintaining membership in any organization:

(i) Physical brutality, such as whipping, beating, paddling, striking, branding, electric shocking, placing of a harmful substance on the body, or similar activity.

(ii) Physical activity, such as sleep deprivation, exposure to the elements, confinement in a small space, or calisthenics, that subjects the other person to an unreasonable risk of harm or that adversely affects the physical health or safety of the individual or causes severe emotional distress.

(iii) Activity involving consumption of food, liquid, or any other substance, including but not limited to an alcoholic beverage or drug, that subjects the individual to an unreasonable risk of harm or that adversely affects the physical health or safety of the individual or causes severe emotional distress.

(iv) Activity that induces, causes, or requires an individual to perform a duty or task that involves the commission of a crime or an act of hazing.

For purposes of this policy, hazing shall not include a physical activity that is normal, customary, and necessary for a person’s training and participation in an athletic, physical education, military training, or similar program sanctioned by the postsecondary education institution.

Organization is an association, corporation, order, society, corps, cooperative, club, service group, social group, band, spirit group, athletic team, or similar group whose members are primarily students at, or former students of, a postsecondary education institution, including the national or parent organization of which any of the underlying entities provided for in this definition is a sanctioned or recognized member at the time of the hazing.

Pledging is any action or activity related to becoming a member of an organization, including recruitment. Pledging is the broader term related to the admission, initiation, joining, or any other group-affiliation activity on the basis
of actual or perceived membership; pledging is not reserved solely for Greek organizations but, rather, applies to any student organization.

Appropriate authority includes:

(i) Any state or local law enforcement agency.

(ii) A 911 Public Safety Answering Point as defined in Title 33 of the Louisiana Revised Statutes of 1950.

(iii) Emergency medical personnel.

Reckless behavior is an activity or behavior in which a reasonable person knew or reasonably should have known that the activity or behavior may result in injury to another, including but not limited to excessive consumption of alcohol, binge drinking, drag racing, consumption of any controlled dangerous substance, acts of hazing, or other similar activity.

Serious bodily injury is bodily injury that involves unconsciousness, extreme physical pain, or protracted and obvious disfigurement, or protracted loss or impairment of the function of a bodily member, organ, or mental faculty, death, or a substantial risk of death.

B. Consent Statement: A student’s request to join or become a member of an organization is not consent to any form of hazing. Further, a student’s acceptance to an invite or open enrollment to join is not consent to undergo hazing nor a defense for those accused of Hazing pursuant to this Policy.

C. Prohibition Statement: No organization or individual shall employ a program of student initiation/pledge education or social events which includes hazing. SOWELA operates with a zero tolerance and all alleged cases will be investigated.

D. Duty to Report: It is the duty of all current or potential student organization members and any faculty or staff member to report any violation of this policy to the Executive Director of Enrollment Management and Student Affairs or designee. If an organization has taken disciplinary action against one of its members for hazing or has reason to believe that any member of the organization has participated in an incident of hazing, the organization shall report the incident to the College.

If an organization or any of its members has been disciplined by a parent organization for hazing, the organization shall report the hazing for which the organization was disciplined to the College.

E. College Response to Allegations of Hazing: Any allegations of hazing reported to the college will be investigated. If the investigation yields evidence of hazing, the college will then take appropriate disciplinary action against the individuals and/or organizations deemed responsible for the hazing. Enforcement of Laws, BOR Policy and SOWELA Policy.

F. Expectations for Violations: In addition to potential criminal penalties related to hazing, any violation of this policy, including knowledge of and failure to report hazing activity, will result in expulsion, suspension, or dismissal, in the case of students, and may result in termination in the case of employees. Students will not be permitted to return for at least one semester. In addition, there will be a suspension of activities for a minimum of one academic year of any student organization that participates in hazing. Individuals accused of violations of this policy will be adjudicated through the college’s codified student and/or employee judicial process, and may be subject to criminal penalties as outlined in Act 635.

If any person serving as a representative or officer of an organization, including any representative, director, trustee, or officer of any national or parent organization of which any of the underlying entities as recognized in
this Policy is sanctioned or recognized member at the time of the hazing, knew and failed to report to law enforcement that one or more of the organization’s members were hazing another person, the organization may be subject to penalties under R.S. 14:40.8.

G. Publication and Dissemination: College policies on hazing shall be published on college and student organization websites and included in the College Catalog and Student Handbook and Student Code of Conduct. (College Catalog and Student Handbook: https://www.sowela.edu/programs/catalog/)

H. Education, Awareness, and Prevention: SOWELA provides education, awareness, and prevention activities for hazing that include but are not limited to the following:

1. Awareness seminars with organization advisors and student organization members.
2. Participation in National Hazing Prevention Week each September.
3. Policy posting on Canvas for students.
4. Policy posting on SOWELA’s website

J. Duty to Seek Assistance In accordance with Act 637 of 2018, codified at R.S. 14:502, any person at the scene of an emergency who knows that another person has suffered bodily injury caused by an act of hazing shall, to the extent that the person can do so without danger or peril to self or others, give reasonable assistance to the injured person. Failure to seek assistance in violation of R.S. 14:502 may include criminal penalties.

K. Recommended Best Practices

(i) Prevention and Education Program

1. Each new student shall be provided the electronic link for educational information on the dangers of and prohibition on hazing during the new student orientation.

2. Each organization as defined above in this Policy and in R.S. 17:1801.1 shall provide annually at least one hour of hazing prevention education to all members and prospective members. The education may be provided in person, electronically, or both. Each organization shall submit a report annually to the institution with which it is affiliated relative to the students receiving such education evidenced by an attestation of the student receiving the education.

3. The hazing prevention education required under the provisions above shall include the information about criminal penalties for the crime of criminal hazing. Information shall also be provided to organizations on their obligations under the law, including the duty to investigate and report; and on the possible loss of funding and other penalties applicable to organizations under the Hazing Laws

(ii) Effective Intervention In collaboration with any relevant organizations/offices, SOWELA will provide education and training aimed at preparing faculty and staff club advisors, students and community members on hazing issues and statistics on campus. Bystander intervention training and social norming will be part of club, team and organization training in support of state laws to combat hazing

CAMPUS FREE EXPRESSION

SOWELA Technical Community College (SOWELA) deemsthe free and open inquiry into all matters fundamental to the mission of higher education and is committed to the preservation of the lawful, free expression of ideas at all of its campuses, subject only to reasonable time, place, and manner restrictions. All campuses or locations of SOWELA shall allow and protect non-commercial expressive activities by students, administrators, faculty members, staff members, and invited guests in accordance with all applicable laws and this policy.
In accordance with Act 666 of the 2018 Regular Session of the Louisiana Legislature, codified at R.S. 17:3399.31 through 3399.37 ("Louisiana Campus Free Expression Law"), SOWELA hereby adopts this policy on Campus Free Expression ("Policy"). This Policy applies to all campuses/locations under the management of SOWELA. For the purposes of this Policy, the definition of key terms and other mandatory provisions shall remain consistent with those in Act 666 of 2018, codified at R.S. 17:3399:31 through 3399.37. SOWELA will amend this policy to reflect any subsequent changes to these statutes. In cases of any inconsistency, the statutory provisions shall supersede any such inconsistent provision in this policy.

In accordance with Louisiana Revised Statutes 17:3399.31 through 3399.37, relative to free expression on college campuses, SOWELA will uphold the following provisions:

1. SOWELA will strive to ensure the fullest degree of intellectual freedom and free expression, allowing for all forms of expression which are protected by the First Amendment of the Constitution of the United States of America and Article I, Section 7, of the Constitution of Louisiana.

2. It is not the proper role of SOWELA to shield individuals from speech protected by the First Amendment of the Constitution of the United States of America and Article I, Section 7 of the Constitution of Louisiana, and other applicable laws, including, without limitation, ideas and opinions they find unwelcome, disagreeable, or even deeply offensive.

3. Students and faculty have the freedom to discuss any topic that presents itself, as provided under the First Amendment of the Constitution of the United States of America and Article I, Section 7 of the Constitution of Louisiana and other applicable laws within the limits on time, place, and manner of expression.

4. Any limitations on time, place, and manner shall be those that are necessary to achieve a significant institutional interest only, and that provide ample alternative means of expression. All expressive activities, protests, or demonstrations must be held during normal working hours of the College. Such activities are not permitted when the College is closed.

5. Students and faculty may assemble and engage in spontaneous and contemporaneous expressive activity as long as such activity is not unlawful and does not materially and substantially disrupt the functioning of the institution.

6. Any person lawfully present on a campus may protest or demonstrate there.

7. Protests and demonstrations that infringe upon the constitutional rights of others to engage in or listen to expressive activity by creating a substantial and material disruption to the functioning of the institution or to someone’s expressive activity shall not be permitted.

8. The public areas of all campuses/locations of SOWELA are traditional public forums that are open on the same terms to any speaker. Public areas are outdoor areas of the College and are considered traditional public forums and are open to expressive activities. These public areas include grassy areas, walkways, or other similar common areas, so long as the forum or activity does not reduce or obstruct designated pedestrian passageways. This does not include areas where access is restricted including but not limited to classrooms, faculty and staff offices, administrative offices, service area offices, Library, Student Success Center, or any areas where students are engaging in learning activities, or faculty, staff, and administration are performing their official duties.
9. The policy supersedes and nullifies any provision in the policies and regulations of SOWELA that restricts speech on campus and that any such provision is therefore inconsistent with this policy on free expression.

SOWELA’s policy on campus free expression will be made public in the Colleges Catalog/handbook, on its website, and through an electronic link presented at student orientation. They will be incorporated in the materials, programs, and procedures provided to all employees and students. Students who feel aggrieved by a violation of this policy should complete the student grievance form online at www.sowela.edu or with the Director of Student Services. Faculty or staff who feel aggrieved by a violation of this policy should contact the Director of Human Resources.

STUDENT CONDUCT CODE

Membership in the college community confers upon students certain rights and imposes certain responsibilities which are defined below. Students are expected to understand and exercise their rights, to meet their responsibilities, and to respect the rights of others. The College’s student conduct code is expected to enforce these responsibilities and to afford the same rights to students. The College will help to preserve a climate in which students can develop without denying this same opportunity to others.

SOWELA strives to be a community characterized as thinking, caring, inclusive and active. Such a community requires that its members, having made a choice to join the community, strive to improve themselves, affirm others and actively involve themselves in enhancing the community. These ideals require that we have explicit, clear and high expectations for one another. These expectations are that:

• We take responsibility for our own learning and personal development

• We challenge each other to develop intellectually and ethically

• We practice personal and academic integrity

• We consider and seek to understand different ideas and viewpoints

• We conduct ourselves with dignity and civility in our interactions with one another

• We care about others’ welfare and seek to be responsive to their needs

• We strive to keep one another safe from physical and emotional harm

• We respect the dignity and worth of all persons

• We celebrate human differences in their many forms

• We confront bigotry with caring and without compromise

• We respect the rights and property of others

• We take responsibility for our actions, bear the consequences of those actions and learn them

• We challenge others to take responsibility for their actions, to bear the consequences and to learn from them

Student Rights

1. Students have the right to be heard in matters that affect their rights and responsibilities.

2. Students have the right to take stands on issues, to examine and discuss questions of interest, and to support legal causes by orderly means which do not disrupt college operations or interfere with the rights of others.

3. Student publications and communications are guaranteed the rights inherent in the concept of “freedom of the press.” Individual students and student organizations have the right
to publish, distribute, and broadcast material on the college campus provided that the materials are identified by the name of the student or student organization. All publications and broadcasts shall be subject to the canons of responsible journalism, including the avoidance of defamation, indecency and obscenity, undocumented allegations, and harassment. In addition, all publications and communications must be approved by the Office of Student Services.

4. Students have the right to form and participate in student organizations that provide opportunities for educational and social enrichment. All student organizations registered with the Office of Student Services may meet on college premises provided that they make reservations in accordance with the established rules and regulations for room and space reservation. Students and/or student groups may not make reservations in their names for outside groups or organizations to use college space.

5. Student organizations registered with the Office of Student Services have the right to invite any persons of their choosing to their organization as speakers on college premises. The Chancellor or the Executive Director of Enrollment Management and Student Affairs may cancel a speaker’s reservation where there is a clear and present danger to the orderly operation of the college. Such cancellation shall be communicated to the sponsoring organization at the earliest opportunity.

6. Students have the right to have their academic records kept confidential subject to existing law. No official records shall be kept which reflect political activities or beliefs of students. No official records shall be available to unauthorized persons within the institution, or to any person outside the institution without the expressed written consent of the student involved, except under legal compulsion.

7. Students have the right to due process when accused of any violations of college regulation or rules of conduct. This right shall include the following:

- Right to a notice in writing of any charges.
- Right to admit the alleged violation, waive a hearing and accept the college’s action.
- Right to admit the alleged violation but request a hearing.
- Right to deny the alleged violation and request a hearing.
- Right to a fair hearing before an impartial committee.
- Right to appear in person at a hearing or not to appear with assurance the failure to appear shall not be construed as indicative of guilt.
- Right to select an advisor of their choice to attend the hearing with them.
- Right to call witnesses and present evidence on their behalf.
- Right upon request to a list of witnesses who will appear against them.
- Right to confront and cross-examine witnesses and/or accusers.
- Right to request a copy of any available record or tape recording of a hearing if the offenses involve possible suspension or expulsion.
- Right to appeal to the Executive Director of Enrollment Management and Student Affairs or Designee and then to the Chancellor of the College.

**Student Regulations And Rules Of Conduct**

It is a basic and fundamental responsibility of a college to maintain order through reasonable policies and procedures. The filing of an ap-
Application for admission shall be regarded as evi-
dence of the applicant’s intention to abide by the
standards and regulations of SOWELA. Students
forfeit their right to remain enrolled if they fail
to comply with such standards and regulations.
The following is a statement of the regulations
and responsibilities of students both as individu-
als and as groups at SOWELA. Additional rules
or regulations may be initiated under established
procedures during the year.

1. Firearms, explosives, fireworks, or weap-
ons of any kind are not to be brought
onto the college premises or to college-
sponsored events except as authorized
by the proper officials of the College.

2. The manufacture, distribution, sale, pos-
session, or use of alcoholic beverages,
marijuana, controlled substances, or
dangerous drugs on the campus and at
institutionally approved events off cam-
pus is prohibited.

3. No person shall physically abuse, threat-
en, or intimidate any member of the fac-
ulty, staff, student body, or any official
visitor to the College.

4. The taking, damaging, or malicious de-
struction of property belonging to the
college, to the visitors to the College, or
to any member of the College commu-
nity is prohibited.

5. No persons shall assemble on campus
for the purpose of creating a riot or dis-
ruptive or disorderly diversion which
interferes with the normal educational
processes and operations of the College.
This policy shall not be construed as the
denial of any student’s right to peaceful
assembly.

6. Gambling on the campus premises is
prohibited.

7. No person shall interfere with, fail to co-
operate with, or fail to identify himself or
herself to any properly identified admin-
istrator or staff person while that person
is in the performance of his or her duties.

8. Unauthorized entry into, use of, or
occupation of college facilities which
are locked, closed to student activi-
ties, or otherwise restricted as to use, or
which have not been reserved for use
through the proper college authorities is
prohibited.

9. Falsification, alteration, fabrication, or
misuse of college forms, documents, re-
cords, or identification cards is prohib-
ited. This policy includes any documents
submitted in support of official college
purposes.

10. The operation on campus of student or-
ganizations not properly registered with
and recognized by the Student Services
Office is prohibited.

11. The dissemination on campus of publi-
cations which do not bear the name of
the originator or which are not done in
accordance with college rules and regu-
lations is prohibited.

12. Students shall not attempt to defraud, de-
cieve, or mislead an instructor in arriving
at an honest grade assessment.

13. Unauthorized use of college property or
services is prohibited.

14. Behavior that is disruptive or that inter-
feres with the campus learning process
in the classroom or on campus is not
permitted. Students accused of Student
Conduct Code violations can be assured
adequate due process through admin-
istrative procedures. Violations can be
adjudicated through an informal hearing
with the Executive Director of Enroll-
ment Management and Student Affairs
and/or through a formal hearing. An in-

formal hearing is a meeting between the accuser, the accused, and the Executive Director of Enrollment Management and Student Affairs. An informal hearing is appropriate when all parties voluntarily agree to engage in an attempt to resolve the complaint. This may result in sanctioning if needed. If the informal hearing does not result in resolution, the case will be forwarded for a formal hearing.

**Additional Conduct Regulations**

1. Appearance and/or dress that is extreme or unusual to the point of distracting from or being disturbing to the learning environment within classes or on campus will not be tolerated. In certain technical labs, student dress is expected to meet all safety codes.

2. To the extent permitted by State law, all faculty, staff, students, visitors, vendors, contractors, and all others are prohibited from using any tobacco products (cigarettes, cigars, smokeless tobacco, snuff, chewing tobacco, electronic cigarettes, etc.) while on the property of SOWELA Technical Community College.

3. Food and drinks may be brought into buildings, but they are not allowed in classrooms.

4. Children are not allowed in classrooms, and cannot be left unattended while on campus.

5. All electronic devices should be turned off and put away while in class.

**Disciplinary Sanctions**

Students and student organizations who fail to follow the *Code of Conduct* are subject to disciplinary actions/sanctions authorized by the Executive Director of Enrollment Management and Student Affairs or Designee. These include:

1. Admonition or oral statement to the student who has violated regulations.

2. Official written reprimand, warning, or notice in writing that continuation or repetition of wrongful conduct can result in harsher action.

3. Educational sanctions that includes restitution, campus/community service, and/or educational sanctions.

4. Disciplinary probation/exclusion from privileged or extracurricular activities.

5. Restitution/reimbursement for damage(s) or loss( es) to property or person(s).

6. Forfeiture of academic credit.

7. Suspension/exclusion from classes and privileges for a defined period of time.

8. Expulsion/termination of the club/organizations/student(s).

9. Sanctions as deemed necessary by the Executive Director of Enrollment Management and Student Affairs or Designee.

The Executive Director of Enrollment Management and Student Affairs or Designee reviews all disciplinary sanctions. The Vice Chancellor of Academic Affairs or Designee will review all academic-related sanctions. Unusual circumstances (i.e. threat of personal safety, physical danger, repeated violations, etc.) may result in dispositions decided on through informal hearings. Such dispositions may result in suspension, exclusion from classes, or expulsion/termination of the students’ status of SOWELA.

Students on disciplinary suspension, exclusion, or expulsion are forbidden the use of college facilities during the term of their sanction. A student or student club/organization facing disciplinary sanctions may receive temporary sanctions from the Executive Director of Enrollment Management.
Management and Student Affairs or Designee. These include suspension, pending the final disposition of the case, or temporary suspensions imposed in order to maintain the orderly operation of the college.

**Categories and Definitions of Academic Integrity**

**Cheating** is the intentional use of inappropriate and unauthorized assistance, information, materials or study aids in any academic exercise, and includes multiple submissions of the same or part of the same work to different instructors for different assignments in the same semester or in a different semester. Cheating includes, but is not limited to, the use of unauthorized assistance, information, or materials on tests, homework, quizzes, papers, projects and all other academic assignments. Additionally, the act of conspiracy for the purpose of defrauding also constitutes cheating.

**Fabrication** is the misrepresentation of a signature or a document as original (authentic) and includes the fabrication of any part of an academic individual or group assignment, or of official documents of the college or outside agencies, including drop/add slips, excused absence slips, and medical documentation. Fabrication also includes making up or changing data or results, or relying on someone else’s results in experiments or laboratory assignments. Citing a source that has not actually been used or consulted is also an offense.

**Plagiarism** constitutes the use of another person’s ideas, words, data, arguments or sentence structure in any academic assignments as the student’s own without proper documentation or citation.

**Misuse of academic resources** constitutes prohibiting students, faculty or staff from using print or electronic resources by rendering them unavailable, useless, or altered from their original form and purpose. This includes the unauthorized use of computer accounts, alteration of passwords, violation of library procedures or other intentional misuse or destruction of educational materials.

**Misrepresentation** is intentionally presenting oneself as someone else, or intentionally representing the condition or the situation as more or less than what it actually is to gain credit or special concessions on academic individual and group work including make-up tests, projects, and class assignments.

**Violation of class rules** is the intentional failure to follow the rules of each individual class concerning academic assignments and class behavior as referenced in the course syllabus.

**Complicity** is the willing involvement with others in any academic misconduct.

**Software fraud** is the unlawful downloading and copying of computer software used in the creation of academic work.

**Multiple submissions of work** include handing in academic work that was done previously by the student for another class or by someone else.

**Cheating** includes any attempt to defraud, deceive or mislead the instructor in arriving at an honest grade assessment. Plagiarism is a form of cheating that involves presenting as one’s own, the ideas or work of another. Through course syllabi or course requirements, students will be informed of the cheating policy. The policy has been established by SOWELA to insure due process in cases of cheating and plagiarism.
Standards Of Conduct For Use Of SOWELA Computers

SOWELA’s Acceptable Use Policy #7.001.1 complies with the latest revisions of both the Computer Fraud and Abuse Act and the Copyright Act and overall Louisiana Community and Technical College System policy #7.002.

Examples of unacceptable activities:

• Accessing, uploading, downloading, transmitting, displaying, or distributing obscene or sexually explicit material; transmitting obscene, abusive, or sexually explicit language
• Damaging computers, computer systems or computer networks
• Vandalizing, damaging or disabling the property of another organization
• Debilitating or disabling computers systems or networks through the intentional misuse
• Overuse of electronic distribution or the spreading of computer “viruses” through the inappropriate use of files, cd’s or other removable devices
• Violating copyright, or otherwise using another person’s intellectual property without his or her prior approval or proper citation
• Using another person’s passwords
• Trespassing in another person’s folders, work or files
• Violating local, state and federal statutes

Display Of Non-College Publications

As an institution of higher education, SOWELA seeks to foster a “free marketplace of ideas” in support of the ideas written in our state and national constitutions. To that end, SOWELA allows the display of non-college publications on its campus. The regulations contained herein in no way approve, disapprove, support, or fail to support the content of the publications included in this policy. The policy simply assists SOWELA in the use and management of college facilities.

Procedure for posting Non-College Publications:

1. An Agreement for Display of Non-college Publications must be completed and filed in the OSSS. Agreements are renewed annually; however, SOWELA can cancel an agreement at any time by issuing a two-week notice to the vendor.

2. OSSS assigns display locations and assignments are made solely at the discretion of SOWELA.

3. Display racks must be provided and used by the vendor to display publications.

Sales and Solicitation

SOWELA does not permit the operation of private business enterprises on campus unless the business is under contract to the college. As specified by related procedures, all private business interests on the SOWELA campus are only operated as auxiliaries to the business, and are under the direct management, control, and supervision of the college’s Chief Financial Officer, Vice Chancellor for Finance.

Procedures for Students/Student Organizations:

Students can place notices of items for sale on the “Campus Advertising Board”. Posting of sales notices must first be approved by the Office of Student Services.

Student Assemblies

Students who need to utilize campus facilities for an event, must first reserve the facilities through the Office of Student Services. Whenever an activity, held in the name of the College, includes a speaker, the Vice Chancellor for Academic Affairs must officially approve the speaker and coordinate the event with the SOWELA Office of Facilities.
The following section is a description of all programs of study offered at SOWELA Technical Community College. The curricula are as accurate and complete as possible at the time of publication of this catalog. Since this catalog was prepared, some programs may have been added, others may have been deleted, and/or changes in curricula may have been made.

Exit level designations for these programs are as follows:

**CTC = Career and Technical Certificate:** An applied skills program (6-18 SCH) that provides specific, meaningful technical skills relative to employment readiness. The CTC includes a demonstrated alignment with, and a process whereby a student’s competencies are verified against, a set of pre-determined standards which lead to and/or prepare an individual to test for an industry-based certification (IBC), state licensure, or state-recognized certification awarded by an independent, third party that is recognized by business and industry and/or the State of Louisiana. At least half of the CTC requirements should be distinctive from other credentials.

**CTS = Certificate of Technical Studies:** An applied technical program (usually 16-33 hours) to provide a student with a broad technical competency.

**CGS = Certificate of General Studies:** An academic program (30 hours) of general education courses designed to prepare students for entry into an associate or baccalaureate program.

**TD = Technical Diploma:** An applied technical degree program (usually 45-60 hours) often formed by combining multiple CTSs and/or CTCs.

**AAS = Associate of Applied Science Degree:** An applied/academic degree program (60-72 hours), primarily designed to prepare students for immediate employment or career entry.

**AALT = Associate of Arts Louisiana Transfer Degree:** An academic program (60 hours) that is designed to facilitate transfer from community colleges to related baccalaureate degree programs at public universities in Louisiana.

**AGS = Associate of General Studies:** An academic program (60 hours) that allows students to select a concentration to prepare them for career entry, but which may also transfer to a baccalaureate program.

**AS = Associate of Science Degree:** An Academic Program (60-72 hours) designed to prepare students for immediate employment/career entry or transfer to a related baccalaureate degree programs.

**ASLT = Associate of Science Louisiana Transfer Degree:** An academic program (60 hours) that is designed to facilitate transfer from community colleges to related baccalaureate degree programs at public universities in Louisiana.

Degrees, technical diplomas, and some certificates earned are recorded on the transcript at the time of completion. Associate and transfer degrees have general education requirements. Refer to General Education requirements in the Academic Policies section of this catalog for approved general education courses.

Listing of a program does not necessarily mean that enrollment is accepted every semester. Program availability varies and start dates are often determined by the program coordinator. If no information is given in the program description, students should contact the school or the Office of Academic Affairs to determine when the program is to be offered.
Degrees offered in the following programs:

Accounting Technology AAS
Aviation Maintenance Technology AAS
Business Administration AAS
Chemical Laboratory Technology AAS
Criminal Justice AAS
Culinary Arts AAS
Drafting and Design Technology AAS
General Studies AGS
Graphic Art AAS
Industrial Electrical Technology AAS
Industrial Instrumentation Technology AAS
Information Systems Technology AAS
Nursing (RN) AS
Office Systems Technology AAS
Process Technology AAS
Surgical Technology AAS
Transfer - Arts Louisiana AALT
Transfer - Science Louisiana ASLT

The AAS degrees at SOWELA are not designed for transfer into a baccalaureate program of study and are considered terminal credentials. However, courses within these programs and in some cases (at the discretion of the receiving institution) an entire program may be accepted for credit toward an advanced degree. Students desiring to transfer coursework from SOWELA to another institution must verify with the receiving institution that the coursework is transferable.

**SOWELA’S WORK ETHIC INITIATIVE**

SOWELA has identified six primary components of work ethic: attendance, appearance, cooperativeness and teamwork, communication skills, following rules and civility, and organization and production. Lessons based upon these components have been embedded into several courses of each technical program. Students in these courses complete online modules emphasizing the work ethic components and faculty evaluate the student’s demonstration of these principles in the classroom/lab environment. Work Ethic grades appear on the student transcript but are not included when calculating the student’s GPA. Courses selected by faculty to be included in the Work Ethic Initiative are identified in the Course Descriptions with *(WE)*.
School: Business and Applied Technology

Program Description: The Associate of Applied Science in Accounting Technology program is designed to prepare the student for general office work emphasizing manual and computerized accounting. The mission of the Accounting Technology program is to train students in general accounting principles and practices in preparation for careers in business, or to help further their education. The accounting program prepares students for careers in the business world or for continuing education in a four-year institution. It includes instruction in general accounting principles and practices, posting transactions to accounts, record-keeping systems, and accounting software operation. The program emphasizes safe and efficient work practices, basic occupational skills, and employability skills. The content is organized into competency-based courses that specify occupational competencies that the student must successfully complete.

Dean: Dr. David Shankle

Program Coordinator: Debbie Lejeune

Program Instructors: Dr. David Clark (Oakdale Site), Kelly Goodman, Ricky Monceaux, Winston Richard, Kylie Schmaltz (Morgan Smith Site)

Special Comments: A minimum grade of C is required in all Accounting Technology major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, certificate or diploma.

Program Learning Outcomes: Upon completing this program, students will be able to:

1. Complete the accounting cycle
2. Demonstrate formatting concepts in Microsoft Word and Microsoft Excel.
3. Demonstrate decision-making skills utilizing accounting data
# ACCOUNTING TECHNOLOGY

**Associate of Applied Science**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1100</td>
<td>Keyboarding I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Business Elective</strong></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 2030</td>
<td>Financial Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1330</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>***Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 2040</td>
<td>Managerial Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 2640</td>
<td>Advanced Spreadsheet Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1450</td>
<td>Basic Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1320</td>
<td>Introduction to Database Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**AAS – Accounting Technology Degree (60)**

*CIP Code: 520302*

Total Clock Hrs: 900

(Continued on next page)
(Continued from previous page)

*Approved Accounting Electives: 9 hours
ACCT 1120 Bookkeeping Applications  ACCT 1510 Computerized Accounting II
ACCT 1150 Federal Income Tax  ACCT 2995 Internship
ACCT 1210 Computerized Accounting I  ACCT 2996 Special Projects
ACCT 1250 Payroll Accounting

**Approved Business Electives: 3 hours
BUSI 1030 Introduction to Business  BUSI 1210 Business Math
BUSI 2080 Intro to HR Management  BUSI 2010 Legal Environment of Business
BUSI 1090 Personal Finance  BUSI 2310 Principles of Management
BUSI 2320 Principles of Marketing  BUSI 2330 Business Ethics
BUSI 2995 Internship

***Approved Elective: 3 hours
Any College Course
## Accounting Technology

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>ITEC 1000 Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC – General Clerk (6) (CIP 520401)</strong></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>OADM 1100</td>
<td>Keyboarding I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1330</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1450</td>
<td>Basic Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Business Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Accounting Assistant (21)</strong></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>ACCT 2030</td>
<td>Financial Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2040</td>
<td>Managerial Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 2640</td>
<td>Advanced Spreadsheet Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Accounting Specialist (33)</strong></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1320</td>
<td>Introduction to Database Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD – Accounting Technology (45)</strong></td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

CIP Code: 520302
School: Transportation and Applied Technology

Program Description: The mission of the Aviation Maintenance Technology program is to provide a teacher-learning environment that will prepare students for certification by the Federal Aviation Administration (FAA) in airframe and powerplant mechanics. The certification process consists of three separate tests detailing the General, Airframe, and Powerplant sections. In addition, three separate oral and practical tests are administered by an FAA designated examiner. Upon successful completion of the three tests, the graduate is awarded the A & P Mechanic Certificate. The Aviation Maintenance Technology program provides a safe and healthy environment for learning, encourages students to become critical thinkers and lifelong learners, and attempts to establish relationships with students and employers that promote upgrading of skills for continued advancement in the field.

Dean: Mr. William Mayo

Program Supervisor:

Program Instructors: Troy Fontenot, Brad Hensley, Anthony Savant.


Special Comments: The program will follow the grade scale published by the college. The FAA mandates that the minimum grade required in all Aviation Maintenance Technology major-specific courses is 70%.

As an ATMAE accredited program, graduates in Aviation Maintenance Technology must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

All AMTG, AMTA, AMTP courses are FAA Certificated, all other courses listed are not FAA Certificated.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, diploma or certificate.

Program Learning Outcomes: Students who successfully complete the Aviation Maintenance Technology Program will be able to:

1. Execute Federal Aviation Administration (FAA) forms/records, composing appropriate corresponding aircraft maintenance records entries, and show compliance with a 100 hour/Annual inspection in accordance with the Title 14 of the Code of Federal Regulations (CFR).

2. Pass the Federal Aviation Administration (FAA) knowledge, oral, practical and written examinations in General, Airframe, and Powerplant subjects and obtain FAA general mechanic, airframe and powerplant certifications.


4. Display proper behavior reflecting satisfactory work habits, safety procedures, hazards, housekeeping, and ethics to fulfill program requirements and confidence to prepare for employment in the aviation maintenance industry.
### AVIATION MAINTENANCE TECHNOLOGY

**Associate of Applied Science**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMTG 1010</td>
<td>Aircraft Math &amp; Physics</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1020</td>
<td>Aircraft Drawings</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1040</td>
<td>Materials and Processes</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1050</td>
<td>Fluid Lines and Fittings</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1070</td>
<td>Weight and Balance</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1030</td>
<td>Ground Operation and Servicing</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1060</td>
<td>Cleaning and Corrosion Control</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1080</td>
<td>Documents &amp; Regulations</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1090</td>
<td>Basic Electricity</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>21</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Semester 2** |                                                 |         |      |                  |
| AMTA 2000     | Aircraft Fuel Systems                           | 1       | 1    | 2                |
| AMTA 2010     | Wood Structures and Covering                    | .5      | .5   | 1                |
| AMTA 2020     | Aircraft Finishes                               | .5      | .5   | 1                |
| AMTA 2030     | Sheet Metal                                     | 2       | 2    | 4                |
| AMTA 2040     | Composites                                      | 1       | 1    | 2                |
| AMTA 2050     | Welding                                         | .5      | .5   | 1                |
| AMTA 2060     | Assembly and Rigging                            | 1       | 1    | 2                |
| AMTA 2070     | Hydraulics and Pneumatics                       | 1       | 1    | 2                |
| AMTA 2080     | Landing Gear & Position/Warning System           | 1       | 1    | 2                |
| General Education Course |                                | 3       | 0    | 3                |
| General Education Course |                                | 3       | 0    | 3                |
| General Education Course |                                | 3       | 0    | 3                |
| **Total**    |                                                 | 26      |      |                  |

| **Semester 3** |                                                 |         |      |                  |
| AMTA 2090     | Aircraft Electrical Systems                     | 2       | 2    | 4                |
| AMTA 2100     | Aircraft Instruments                            | .5      | .5   | 1                |
| AMTA 2110     | Communication and Navigation System             | .5      | .5   | 1                |

(Continued on next page)
(Continued from previous page)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMTA 2120</td>
<td>Cabin Atmosphere</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2130</td>
<td>Ice and Rain</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2140</td>
<td>Airframe Inspection</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2200</td>
<td>Aircraft and Engine Fire Protection</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2210</td>
<td>Reciprocating Engines</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>AMTP 2220</td>
<td>Turbine Engines &amp; APU</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

**Semester 4**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Units</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMTP 2230</td>
<td>Induction &amp; Engine Airflow Systems</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2240</td>
<td>Exhaust (Reverser) and Cooling System</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2250</td>
<td>Lubrication Systems</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2260</td>
<td>Engine Electrical Systems</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AMTP 2270</td>
<td>Engine Instruments</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2280</td>
<td>Ignition and Starting Systems</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTP 2290</td>
<td>Fuel Metering Systems</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AMTP 2300</td>
<td>Propellers and Rotors</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AMTP 2310</td>
<td>Engine Inspection</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**AAS - Aviation Maintenance Technology (81)**

CIP Code 470608
Total Clock Hrs: 2148
# AVIATION MAINTENANCE TECHNOLOGY

**Diploma/Certificate Options**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMTG 1010</td>
<td>Aircraft Math &amp; Physics</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1020</td>
<td>Aircraft Drawings</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1030</td>
<td>Ground Operation and Servicing</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1040</td>
<td>Materials and Processes</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1050</td>
<td>Fluid Lines and Fittings</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1060</td>
<td>Cleaning and Corrosion Control</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTG 1070</td>
<td>Weight and Balance</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1080</td>
<td>Documents &amp; Regulations</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTG 1090</td>
<td>Basic Electricity</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AMTA 2000</td>
<td>Aircraft Fuel Systems</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTA 2010</td>
<td>Wood Structures and Covering</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2020</td>
<td>Aircraft Finishes</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2030</td>
<td>Sheet Metal</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>AMTA 2040</td>
<td>Composites</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTA 2050</td>
<td>Welding</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2060</td>
<td>Assembly and Rigging</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTA 2070</td>
<td>Hydraulics and Pneumatics</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTA 2080</td>
<td>Landing Gear &amp; Position/Warning System</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>AMTA 2090</td>
<td>Aircraft Electrical Systems</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>AMTA 2100</td>
<td>Aircraft Instruments</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2110</td>
<td>Communication and Navigation System</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2120</td>
<td>Cabin Atmosphere</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2130</td>
<td>Ice and Rain</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTA 2140</td>
<td>Airframe Inspection</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>CTS – Airframe (41)</td>
<td></td>
<td></td>
<td></td>
<td>41</td>
</tr>
<tr>
<td>AMTP 2200</td>
<td>Aircraft and Engine Fire Protection</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2210</td>
<td>Reciprocating Engines</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>AMTP 2220</td>
<td>Turbine Engines &amp; APU</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AMTP 2230</td>
<td>Induction &amp; Engine Airflow Systems</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2240</td>
<td>Exhaust (Reverser) and Cooling Systems</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2250</td>
<td>Lubrication Systems</td>
<td>.5</td>
<td>.5</td>
<td>1</td>
</tr>
</tbody>
</table>

(Continued on next page)
(Continued from previous page)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMTP 2260</td>
<td>Engine Electrical Systems</td>
<td>2</td>
</tr>
<tr>
<td>AMTP 2270</td>
<td>Engine Instruments</td>
<td>.5</td>
</tr>
<tr>
<td>AMTP 2280</td>
<td>Ignition and Starting Systems</td>
<td>1</td>
</tr>
<tr>
<td>AMTP 2290</td>
<td>Fuel Metering Systems</td>
<td>2</td>
</tr>
<tr>
<td>AMTP 2300</td>
<td>Propellers and Rotors</td>
<td>2</td>
</tr>
<tr>
<td>AMTP 2310</td>
<td>Engine Inspection</td>
<td>.5</td>
</tr>
</tbody>
</table>

**CTS – Powerplant (40)**

*CTS - Powerplant does not include CTS - Airframe

**TD – Aviation Maintenance Technology Airframe and Powerplant (66)**

CIP Code: 470608
School: Business and Applied Technology

Program Description: The mission of the Business Administration program is to offer students a well-rounded business education that will equip them for entry-level administrative or supervisory positions, or to help further their education. Students receive instruction in foundational areas of business such as marketing, management, ethics, personal finance, and accounting. Many courses are transferrable to 4-year universities.

The Business Administration degree offers students two concentrations to choose from:
- General Business
- Hospitality Management

Courses are offered on-ground, online, or a combination of the two.

Dean: Dr. David Shankle

Program Coordinator: Debbie Lejeune

Program Instructors: Adrienne Abel (Morgan Smith Site), Marc Alderette, Dr. David Clark (Oakdale Site), Dr. Marie Coleman, Barry Humphus, Debbie Lejeune, Chad Miller, Rick Monceaux, Dr. Jamie (LeeAnne) Price, Dr. David Shankle, Wendy Sonnier, Dr. Dona (Michelle) Taylor.

Special Comments: A minimum grade of C is required in all Business Administration major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, certificate, or diploma.

Program Learning Outcomes: Upon completing this program, students will be able to:
1. Demonstrate strategic planning
2. Demonstrate proficiency in business communication
3. Demonstrate and understanding of ethical principles
## BUSINESS ADMINISTRATION

### Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 1030</td>
<td>Introduction to Business</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2010</td>
<td>Legal Environment of Business</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 2020</td>
<td>Microeconomics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2310</td>
<td>Principles of Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSI 2320</td>
<td>Principles of Marketing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2330</td>
<td>Business Ethics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

(Continued on next page)
Concentration Course 3 0 3
Concentration Course 3 0 3
General Education Course 3 0 3

15

AAS - Business Administration Degree (60)

CIP Code: 520101
Total Clock Hrs: 900

BUSINESS ADMINISTRATION

Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 1030</td>
<td>Introduction to Business</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC - General Clerk (6) (CIP 520401)</strong></td>
<td></td>
<td></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td>BUSI 2010</td>
<td>Legal Environment of Business</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2020</td>
<td>Microeconomics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2310</td>
<td>Principles of Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2320</td>
<td>Principles of Marketing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2330</td>
<td>Business Ethics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS - Management Trainee (24)</strong></td>
<td></td>
<td></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

(Continued next page)
(Continued from previous page)

**General Business Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2030</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2040</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1330</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 1090</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2080</td>
<td>Intro to HR Management</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2010</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Hospitality Management Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2995</td>
<td>Internship</td>
<td>0</td>
</tr>
<tr>
<td>CULN 1133</td>
<td>Sanitation and Safety</td>
<td>3</td>
</tr>
<tr>
<td>CULN 2433</td>
<td>Food and Beverage Operations</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1000</td>
<td>Customer Service</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 1000</td>
<td>Hospitality Management</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 1010</td>
<td>Resort Operations</td>
<td>3</td>
</tr>
</tbody>
</table>

TD - Business Administration (45) CIP Code: 520101
School: Industrial Technology

Program Description: The Chemical Laboratory Technology program offers students an opportunity to earn an associate degree designed to prepare students for immediate employment in a petrochemical laboratory environment as a chemical laboratory technician. Students enrolled in the program will receive training to enhance possibilities of employment, retention, and promotion in the workforce.

Interim Dean: Richard Louviere

Program Coordinator:

Program Instructors: Paula McDonald, Sarah Walter.

Special Comments: A minimum grade of C is required in all Chemical Laboratory Technology major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a certificate or diploma.

Program Learning Outcomes: Students who successfully complete the Chemical Laboratory Technology Program will be able to:

1. Perform basic chemical statistical analysis in a chemical lab setting.
2. Demonstrate basic soft skills related to gaining and maintaining employment such as: time management, appropriate work attire, working as a team, and effective communication.
3. Demonstrate a basic knowledge of industrial and environmental safety.
4. Display and analyze database information.
# CHEMICAL LABORATORY TECHNOLOGY

*Associate of Applied Science*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENSC 2000</td>
<td>Environmental Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CLTE 1000</td>
<td>Introduction to Lab Analysis</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2030</td>
<td>Plant Safety, Health, and Environmental</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1010</td>
<td>General Chemistry I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1011</td>
<td>General Chemistry I Laboratory</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications OR</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2100</td>
<td>Elementary Statistics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2100</td>
<td>General Physics I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2110</td>
<td>General Physics I Laboratory</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Social Science Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1020</td>
<td>General Chemistry II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1021</td>
<td>General Chemistry II Laboratory</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CLTE 2000</td>
<td>Chemical Laboratory Analysis I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CLTE 2002</td>
<td>Chemical Laboratory Analysis I Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SPCH 1200</td>
<td>Introduction to Public Speaking</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>
### Semester 4

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLTE 2100</td>
<td>Chemical Laboratory Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>CLTE 2102</td>
<td>Chemical Laboratory Analysis II Lab</td>
<td>0</td>
</tr>
<tr>
<td>CHEM 2210</td>
<td>Elements of Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2211</td>
<td>Elements of Organic Chemistry Lab</td>
<td>0</td>
</tr>
<tr>
<td>CHEM 2030</td>
<td>Quantitative Chemical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2031</td>
<td>Quantitative Chemical Analysis Lab</td>
<td>0</td>
</tr>
</tbody>
</table>

(Continued from previous page)

AAS Chemical Laboratory Technology (60)  
CIP Code: 410301  
Total Clock Hrs: 1110
### CHEMICAL LABORATORY TECHNOLOGY

#### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLTE 1000</td>
<td>Introduction to Lab Analysis</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2030</td>
<td>Plant Safety, Health, and Environmental</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1010</td>
<td>General Chemistry I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1011</td>
<td>General Chemistry I Laboratory</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications OR</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Chemical Laboratory Apprentice (16)</strong></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>PHYS 2100</td>
<td>General Physics I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2110</td>
<td>General Physics I Laboratory</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 1020</td>
<td>General Chemistry II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1021</td>
<td>General Chemistry II Laboratory</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 2030</td>
<td>Quantitative Chemical Analysis</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2031</td>
<td>Quantitative Chemical Analysis Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Chemical Laboratory Assistant (28)</strong></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>CLTE 2000</td>
<td>Chemical Industrial Analysis I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CLTE 2002</td>
<td>Chemical Industrial Analysis I Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>CLTE 2100</td>
<td>Chemical Industrial Analysis II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CLTE 2102</td>
<td>Chemical Industrial Analysis II Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 2210</td>
<td>Elements of Organic Chemistry</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2211</td>
<td>Elements of Organic Chemistry Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>SPCH 1200</td>
<td>Introduction to Public Speaking</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD - Chemical Laboratory Technology (45)</strong></td>
<td></td>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

**CIP Code: 410301**
CRIMINAL JUSTICE

School: Arts & Sciences

Program Description: The mission of the Criminal Justice program is to provide specialized classroom instruction and practical experience to prepare students for employment or promotional opportunities in criminal justice agency positions in crime prevention, public safety, corrections, or other related fields.

This program is designed to educate students who wish to pursue a career in criminal justice or for additional training of individuals already employed in the field. The program emphasizes safe and efficient work practices, basic occupational skills, and the application of federal, state, and local laws as they apply to both emergency and routine situations. Course content is organized into competency-based courses of instruction that specify occupational competencies that the student must successfully complete.

The Death Investigation Concentration is designed for students contemplating employment in the field of medicolegal death investigation or within the investigation branch of a law enforcement agency.

Dean: Dr. Charles Stewart

Program Coordinator: Dr. Lisa Quibodeaux

Program Instructors: Jonathan Byrd, Alberto Galan, ViEve Kohrs, David McMurry, Dr. Lisa Quibodeaux, Ricky Titus, Howard Vincent.

Special Comments: A minimum grade of C is required in all Criminal Justice major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, certificate or diploma.

Program Learning Outcomes: Students who successfully complete the Criminal Justice Associate Degree or Diploma program will be able to:

1. Demonstrate knowledge and skills required for entry-level employment in the criminal justice profession.

2. Demonstrate knowledge of the issues and dilemmas facing contemporary criminal justice.

3. Communicate successfully within the criminal justice profession using verbal, written, and basic computer literacy skills.
### SOWELA Technical Community College

**CRIMINAL JUSTICE**

#### Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1 Core</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRMJ 1110</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 1120</td>
<td>Introduction to Corrections</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 1220</td>
<td>Police Systems and Practices</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*Social/Behavioral Science Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Semester 2 Core</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRMJ 1332</td>
<td>Introduction to Criminal Law</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2112</td>
<td>Social Problems for Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2322</td>
<td>Criminal Investigation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2340</td>
<td>Criminology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2510</td>
<td>Introduction to Forensics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### CJ Concentration

**Semester 3**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRMJ 2410</td>
<td>Juvenile Justice System</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2420</td>
<td>Deviance</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2422</td>
<td>Judicial Process</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2552</td>
<td>Criminal Justice Externship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**Semester 4**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRMJ 2622</td>
<td>Criminal Justice Ethics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2998</td>
<td>Selected Topics in Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social/Behavioral Science Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>AAS – Criminal Justice (60)</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**CIP Code:** 430104

**Total Clock Hrs:** 945
# CRIMINAL JUSTICE

## Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
</table>
### Death Investigation Concentration
#### Semester 3
- CRMJ 2403  
  Crisis & Trauma  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- CRMJ 2503  
  Death & Loss  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- CRMJ 2603  
  Death Investigations I  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- BIOL 2253  
  Human Anatomy & Physiology 1  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- BIOL 2251  
  Human Anatomy & Physiology 1 Lab  
  Lecture: 0  
  Lab: 1  
  Total Credit Hrs: 1
- CRMJ 2010  
  Cultural Anthropology for Criminal Justice  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3

16

#### Semester 4
- CRMJ 2703  
  Death Investigations II  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- CRMJ 2803  
  Entomology for Criminal Justice  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- CRMJ 2903  
  Selected Topics in Death Investigation  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- General Education Course  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- General Education Course  
  Lecture: 3  
  Lab: 0  
  Total Credit Hrs: 3
- AAS – Criminal Justice (61)  
  Total Credit Hrs: 15

CIP Code: 430104
Total Clock Hrs: 1005

*CJ concentration may choose POLI 1100, SOCL 2010, or CRMJ 2010.*

*DI concentration may choose POLI 1100 or SOCL 2010.*
CRIMINAL JUSTICE

Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRMJ 1110</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 1120</td>
<td>Introduction to Corrections</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 1220</td>
<td>Police Systems and Practices</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 1332</td>
<td>Introduction to Criminal Law</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2112</td>
<td>Social Problems for Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2322</td>
<td>Criminal Investigation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2340</td>
<td>Criminology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CTS– Criminal Justice System Studies (21)</td>
<td></td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>POLI 1100</td>
<td>American Government</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>SOCL 2010 Introduction to Sociology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2410</td>
<td>Juvenile Justice System</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2420</td>
<td>Deviance</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2422</td>
<td>Judicial Process</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2510</td>
<td>Introduction to Forensics</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2998</td>
<td>Selected Topics in Criminal Justice</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2552</td>
<td>Criminal Justice Externship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 2622</td>
<td>Criminal Justice Ethics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>TD – Criminal Justice (45)</td>
<td></td>
<td></td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

CIP Code: 430104
CULINARY ARTS

School: Business and Applied Technology

Program Description: The mission of the Culinary Arts program is to prepare students for professions in the food service industry. Pursuing a career as a professional chef means developing methods, skills and a combination of techniques applied on a daily basis in the ever challenging and changing world of the kitchen. Upon completion of the Culinary Arts program a graduate will have the basic skills needed to pursue an entry level career in the culinary industry.

The Culinary Arts degree is designed for students to develop skills within the field of culinary arts along with essential supervisory and management skills necessary to operate a kitchen facility or other related food service business. Students will matriculate through courses related to food production, sanitation and safety, and service standards along with nutrition, management cost control skills, supervisory skills, and kitchen management.

The Culinary Arts program at SOWELA offers a wide range of varied and exciting internship opportunities at many of the area’s best food and lodging establishments. So whether you are ready to start your new career, want to improve and update your current skills or just want to learn more about the world of hospitality, SOWELA has what you need. Courses are offered on-ground, online, or a combination of the two.

Dean: Dr. David Shankle

Program Coordinator: Jerry Sonnier

Program Instructors: Roy Angelle, Sarah Broussard, Michael Elliott, Dameon Fusilier, Amy Haddox, Kay Krausman, Jacob Manceaux, Dalton Montiville, Rachel Montiville, Ed Neeley, Jerry Sonnier, Stephanie Stanfield.

Program Accreditation: Commission of the American Culinary Federation Education Foundation

Special Comments: A minimum grade of C is required in all Culinary Arts major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an Associate of Applied Science Degree, certificate or a diploma.

Program Learning Outcomes: Upon completing this program, students will be able to:

1. Demonstrate appropriate knife skills for the food service industry
2. Demonstrate appropriate cooking techniques for the food service industry
3. Demonstrate appropriate baking techniques for the food service industry
4. Demonstrate managerial skills in the food service industry
# CULINARY ARTS

*Associate of Applied Science*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 1103</td>
<td>Basic Skills Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1172</td>
<td>Essentials of Dining Room Service</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1133</td>
<td>Sanitation and Safety</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1506</td>
<td>Introduction to Culinary Principles</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>CULN 1223</td>
<td>Nutrition</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>18</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 1603</td>
<td>Culinary Productions Principles for Dining Facilities</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CULN 2413</td>
<td>Regional Cuisine</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1323</td>
<td>A’La Carte</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1233</td>
<td>Garde Manger</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1953</td>
<td>Introduction to Baking and Pastry</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>18</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 2433</td>
<td>Food &amp; Beverage Operation</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>9</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 2110</td>
<td>Culinary Productions Externship</td>
<td>0</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>15</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AAS – Culinary Arts (60)**

*CIP Code: 120503*

**Total Clock Hrs: 1440**

**Elective Culinary Class (Not required for the AAS degree)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULN 2103</td>
<td>Culinary International Odyssey Externship</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
### CULINARY ARTS

#### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULN 1103</td>
<td>Basic Skills Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1172</td>
<td>Essentials of Dining Room Service</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1133</td>
<td>Sanitation and Safety</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1506</td>
<td>Introduction to Culinary Principles</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>CTC – Entry Level Cook (15)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 1223</td>
<td>Nutrition</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Entry Level Prep Cook (18)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 1603</td>
<td>Culinary Productions Principles for Dining Facilities</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CULN 2413</td>
<td>Regional Cuisine</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1323</td>
<td>A`LA Carte</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1233</td>
<td>Garde Manger</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1953</td>
<td>Introduction to Baking and Pastry</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Production Cook (33)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 2110</td>
<td>Culinary Productions Externship</td>
<td>0</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>CULN 2433</td>
<td>Food &amp; Beverage Operation</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD - Culinary Arts (45)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CULN 1953</td>
<td>Introduction To Baking &amp; Pastry</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1013</td>
<td>Cake Decorating and Candy Making</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1023</td>
<td>Baking and Pastries of the South</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1033</td>
<td>Professional Baking and Pastries</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 1043</td>
<td>International Pastry</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 2013</td>
<td>Artisan Theory &amp; Advanced Bread Techniques</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>CULN 2037</td>
<td>Baking and Pastries Externship</td>
<td>1</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>CTS -- Production Baker (25)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIP Code 120503
School: Business and Applied Technology

Program Description: The mission of the Digital Arts and Communication program is to provide students the necessary skills for employment and advancement in the field of digital media. Two concentrations are available: Graphic Design and Media Production. Fields include advertising, printing, video, photography, website design, motion graphics, podcasting, reporting, and recording. Students learn how to use industry-standard software, such as Adobe Creative suite.

Dean: Dr. David Shankle

Program Coordinator: Aaron Goodman

Program Instructors: Darrell Buck, Erik Jessen, Brookin Alexander, Alex (Thunder) John, Maegan Lewis.

Program Accreditation: Association of Technology, Management, and Applied Engineering (ATMAE)

Special Comments: All Digital Arts and Communication courses must be completed with a grade of C or higher.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, certificate or diploma. As an ATMAE accredited program, graduates in Digital Arts and Communication must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

Program Learning Outcomes: Upon completing this program, students will be able to:
1. Use industry software and equipment.
2. Create an effective advertising message.
3. Demonstrate proficiency in digital media.
### Digital Arts and Communication

**Associate of Applied Science**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 1030</td>
<td>Photography I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1040</td>
<td>Vector Graphics</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course (Orientation)</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>General Education</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 1220</td>
<td>Advertising Theory</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1230</td>
<td>Design I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1240</td>
<td>Raster Graphics I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 2110</td>
<td>Videography I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2120</td>
<td>Animation</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 2210</td>
<td>Web Site Design</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2500</td>
<td>Portfolio Preparation</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**AAS – Digital Arts and Communication (60)**

CIP Code: 500401

Total Clock Hours: 1350
### DIGITAL ARTS AND COMMUNICATION

#### Concentrations

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Graphic Design Concentration</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 1020</td>
<td>Graphic Illustration</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1210</td>
<td>Desktop Publishing</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2130</td>
<td>Design II</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2140</td>
<td>Raster Graphics II</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART Elective*</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART Elective*</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

| **Media Production Concentration** |                           |         |     |                  |
| GART 1035  | Sound Design              | 1       | 2   | 3                |
| GART 1225  | Journalism                | 1       | 2   | 3                |
| GART 2125  | New Media Publishing      | 1       | 2   | 3                |
| GART 2145  | Introduction to Broadcasting |            |     | 3                |
| GART 2230  | Photography II            | 1       | 2   | 3                |
| GART 2240  | Videography II            | 1       | 2   | 3                |
|             | **Total**                 |         |     | **18**           |

*CIP Code: 500401
Total Clock Hours: 1350

*Approved GART Electives:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GART 2250</td>
<td>Agency</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2260</td>
<td>Special Projects</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 2303</td>
<td>Color Theory</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>
## DIGITAL ARTS AND COMMUNICATION

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GART 1030</td>
<td>Photography I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1040</td>
<td>Vector Graphics</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1220</td>
<td>Advertising Theory</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1230</td>
<td>Design I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 1240</td>
<td>Raster Graphics I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course (Orientation)</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Graphic Assistant (17)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GART 2110</td>
<td>Videography I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2120</td>
<td>Animation</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2210</td>
<td>Web Site Design</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>GART 2500</td>
<td>Portfolio Preparation</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Concentration Course</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD – DIGITAL ARTS AND COMMUNICATION (45)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIP Code: 500401
School: Business and Applied Technology

Program Description: The mission of the Drafting and Design Technology program is to provide students an opportunity to obtain board and computer drafting skills needed for employment and career advancement. The Drafting program provides a safe and healthy environment for learning, encourages students to become critical thinkers, and attempts to establish a relationship with students and employers that promote upgrading skills for advancement in their drafting career.

Dean: Dr. David Shankle

Program Coordinator: Aaron Goodman

Program Instructors: Aaron Goodman, Jason Parker.

Program Accreditation: Association of Technology, Management, and Applied Engineering (ATMAE)

Special Comments: A minimum of C is required in all Drafting and Design Technology major-specific courses.

As an ATMAE accredited program, graduates in Drafting and Design Technology must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a degree, certificate or a diploma.

Program Learning Outcomes: Upon completing this program students will be able to:

1. Use AutoCAD in various disciplines of drafting
2. Interpret ideas and sketches into working drawings
3. Collect field notes and data on existing equipment or property to be used in the creation of working drawings
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CADD 1101</td>
<td>Computer Aided Drafting I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>DRFT 1101</td>
<td>Drafting Fundamentals</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1102</td>
<td>Geometric Construction</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1103</td>
<td>Pictorial/Working Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1104</td>
<td>Machine Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CADD 1201</td>
<td>Computer Aided Drafting II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>DRFT 1201</td>
<td>Section Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1205</td>
<td>Measurements &amp; Materials</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 2301</td>
<td>Architecture I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRFT 2401</td>
<td>Architecture II</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2402</td>
<td>Civil/Surveying</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2303</td>
<td>Machines/Manufacturing</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2304</td>
<td>Piping</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRFT 2305</td>
<td>Structural/Strength of Material</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2302</td>
<td>Electrical &amp; Electronics</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2404</td>
<td>Specialization</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>AAS – Drafting and Design Technology (60)</td>
<td></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>CIP Code:</strong></td>
<td>151301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Clock Hrs:</strong></td>
<td>1695</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## DRAFTING AND DESIGN TECHNOLOGY

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CADD 1101</td>
<td>Computer Aided Drafting I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>DRFT 1101</td>
<td>Drafting Fundamentals</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1102</td>
<td>Geometric Construction</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1103</td>
<td>Pictorial/Working Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1104</td>
<td>Machine Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>CADD 1201</td>
<td>Computer Aided Drafting II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>DRFT 1201</td>
<td>Section Drawing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 1205</td>
<td>Measurements &amp; Materials</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DRFT 2301</td>
<td>Architecture I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CTS – Engineering Aide (23)</td>
<td></td>
<td></td>
<td>23</td>
</tr>
<tr>
<td>DRFT 2401</td>
<td>Architecture II</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2402</td>
<td>Civil/Surveying</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2303</td>
<td>Machines/Manufacturing</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CTS – Entry Level Drafter (32)</td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>DRFT 2305</td>
<td>Structural/Strength &amp; Materials</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2302</td>
<td>Electrical/Electronics</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2304</td>
<td>Piping</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 2404</td>
<td>Specialization</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>TD – Drafting and Design Technician (45)</td>
<td></td>
<td></td>
<td>13</td>
</tr>
</tbody>
</table>

CIP Code: 151301
School: Transportation and Applied Technology

Program Description: The Forest Technology program prepares students to produce, protect, and manage time; maintain and operate related equipment; and select, grade, harvest, and market forest raw materials for converting into a variety of consumer goods.

Dean: Mr. William Mayo

Program Instructor: Dr. Emma Thomas

Special Comments: A minimum grade of C is required in all Forestry and Horticulture courses. This program is offered at the SOWELA Technical Community College instructional site in Oakdale.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a diploma.

Student Learning Outcomes: Students who successfully complete the Forest Technology program will be able to:

1. Conduct forest inventories, forest health surveys, and wildlife surveys.

2. Demonstrate the various methods of establishing and maintaining forest resources.

3. Track and analyze and forest measurements to make environmentally sound decisions regarding forest land.

4. Understand harvesting, reforestation, and controlled burning as critical factors for maintaining healthy forest land.
### Course Title: Forest Technology

#### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRTY 1111</td>
<td>Introduction to Forest Technology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>FRTY 2720</td>
<td>Wildlife Habitat Ecology and Game</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FRTY 2410</td>
<td>Forestry Products</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FRTY 2710</td>
<td>Prescribed Burning and Wildfire Control</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

**CTC – Resource Management Assistant (16)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRTY 2420</td>
<td>Introduction to Global Information Systems and Global Positional Systems</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>FRTY 1330</td>
<td>Timber Harvesting</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>FRTY 2520</td>
<td>Forest Mensuration I</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

**CTS – Forest Harvesting and Planting Assistant (26)**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRTY 1310</td>
<td>Silviculture</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>FRTY 2510</td>
<td>Forest Insects and Diseases</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>FRTY 2620</td>
<td>Reforestation</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>FRTY 1120</td>
<td>Dendrology</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HORT 1000</td>
<td>Horticulture 1 Lab</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FRTY 1210</td>
<td>Forest Surveying</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>FRTY 2610</td>
<td>Forest Mensuration II</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

**TD – Forest Technology (59)**

- **CIP Code: 030511**
- **Total Clock Hrs: 1290**
GENERAL APPRENTICESHIP: ELECTRICAL CONSTRUCTION

School: Transportation and Applied Technology

Program Description: The General Apprenticeship with a concentration in Electrical Construction is a 50 credit hour program for apprentices of the International Brotherhood of Electrical Workers (IBEW) that prepares them with the required classroom theory added to their in-the-field work experience to attain the level of journeyman in the electrical field. The essential purpose of this program is to meet the changing needs of this labor group and to provide the highest level of education possible for employees of the region in electrical work. The goal of this program is to provide specialized skilled-trades courses in an effort to provide students with the skills necessary, based on industry standards, to become electrical journeymen. The curriculum places emphasis on the development of a common set of trade skills.

Dean: Mr. William Mayo

Program Coordinator: Steven Gaspard.

Program Instructors: David Champion, Marc Deville, Steven Gaspard, Robert Hebert, Terry Hornsby, Jon Stephens, Beau Willeford.

Special Comments: Applicants must be approved by the Joint Apprenticeship Training Committee (JATC) for IBEW Local 861 or one of its affiliates.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive the technical diploma or certificate.

Student Learning Outcomes: Students who successfully complete the General Apprenticeship: Electrical Construction program will be able to:

1. Demonstrate positive work habits and use appropriate procedures, tools and equipment, consistent with all applicable standards and OSHA regulations.
2. Make clear and effective presentations to individuals and groups.
3. Demonstrate basic mechanical drawing skills.
4. Use various types of blueprints to perform work-related functions.
5. Apply math skills to analyze and solve work-related problems.
6. Apply writing skills to create reports related to technical work documents and other related tasks.
7. Apply basic laws of physics (Ohm’s law, Boyle’s law, circuitry, load, and demonstrations as proof of formula) to solve work-related problems.
8. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the electrical construction industry.
# GENERAL APPRENTICESHIP: ELECTRICAL CONSTRUCTION

## Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAEC 1100</td>
<td>Introduction to Electrician Apprenticeship</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAEC 1110</td>
<td>Job Safety &amp; Health</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAEC 1120</td>
<td>Apprentice Trade Related Mathematics</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAEC 1130</td>
<td>Apprentice Trade Technology Part I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAEC 1200</td>
<td>Apprentice Trade Related Science</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAEC 1210</td>
<td>Apprentice Trade Technology Part II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAEC 1220</td>
<td>Customer Service in the Trade Area</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAEC 1230</td>
<td>Apprentice Trade Technology Part III</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAEC 1300</td>
<td>Apprentice Trade Technology Part IV</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAEC 2100</td>
<td>Apprentice Trade Technology Part V</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAEC 2200</td>
<td>Apprentice Trade Technology Part VI</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAEC 2210</td>
<td>Apprentice Trade Technology Part VII</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAEC 2300</td>
<td>Apprentice Trade Technology Part VIII</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAEC 2310</td>
<td>Apprentice Trade Technology Part IX</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
</tbody>
</table>

**CTC – General Apprentice: Electrical Construction Technician (10)**

**CTS – General Apprentice: Electrical Construction (25)**

**TD – General Apprentice: Electrical Construction (50)**

---

CIP Code: 460301

Total Clock Hrs: 750
School: Transportation and Applied Technology

Program Description: The General Apprenticeship with a concentration in Plumbing Construction is a 50 credit hour program for plumbers and steamfitters apprentices that prepares them with the required classroom theory added to their in-the-field work experience to attain the level of journeyman in the plumbing field. The essential purpose of this program is to meet the changing needs of this labor group and to provide the highest level of education possible for employees of the region in plumbing work. The goal of this program is to provide specialized skilled-trades courses in an effort to provide students with the skills necessary, based on industry standards, to become plumbing journeymen. The curriculum places emphasis on the development of a common set of trade skills.

Dean: Mr. William Mayo

Program Coordinator: Richard Paulk.

Program Instructors: Blake Bihm, Richard Campbell, Jr., Brian Guillory, Richard Paulk, Sean Wil-loughby.

Special Comments: Applicants must be approved by the Apprenticeship Training Committee (ATC) for Plumbers and Steamfitters Local 106 or one of its affiliates.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive the technical diploma or certificate.

Student Learning Outcomes: Students who successfully complete the General Apprenticeship: Plumbing Construction diploma program will be able to:

1. Demonstrate positive work habits and use appropriate procedures, tools and equipment, consistent with all applicable standards and OSHA regulations.
2. Make clear and effective presentations to individuals and groups.
3. Use various types of blueprints to perform work-related functions.
4. Apply math skills to analyze and solve work-related problems.
5. Recognize and classify drawings related to the plumbing industry.
6. Apply writing skills to create reports related to technical work documents and other related tasks.
7. Recognize, classify and demonstrate welding techniques related to the plumbing industry.
8. Recognize and discuss portions of the Plumbing Code.
9. Distinguish and apply techniques for sewer cleaning & stoppage repair.
10. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cau-tions in the electrical construction industry.
### GENERAL APPRENTICESHIP: PLUMBING CONSTRUCTION

**Diploma/Certificate Options**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAPC 1100</td>
<td>Introduction to Plumbing Apprenticeship</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAPC 1110</td>
<td>Job Safety &amp; Health</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAPC 1120</td>
<td>Apprentice Trade Related Mathematics</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAPC 1130</td>
<td>Apprentice Trade Technology Part I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC – General Apprentice: Plumbing Construction Technician (10)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAPC 1200</td>
<td>Apprentice Trade Technology Part II</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAPC 1210</td>
<td>Apprentice Trade Technology Part III</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAPC 1220</td>
<td>Customer Service in the Trade Area</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>GAPC 1230</td>
<td>Apprentice Trade Technology Part IV</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>GAPC 1300</td>
<td>Apprentice Trade Technology Part V</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – General Apprentice: Plumbing Construction (25)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAPC 2100</td>
<td>Apprentice Trade Technology Part VI</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAPC 2200</td>
<td>Apprentice Trade Technology Part VII</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAPC 2210</td>
<td>Apprentice Trade Technology Part VIII</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAPC 2300</td>
<td>Apprentice Trade Technology Part IX</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>GAPC 2310</td>
<td>Apprentice Trade Technology Part X</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>TD – General Apprentice: Plumbing Construction (50)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIP Code 460503  
Total Clock Hrs: 750
Associate of General Studies

School: Arts & Sciences

Program Description: The mission of the Associate of General Studies degree is to provide a flexible program designed to help students reach their educational or occupational goals. The degree provides an opportunity for students to earn an associate degree when their specific needs are not met through other degree options. The degree also allows students to explore a variety of academic fields before selecting a specific educational or career path. The Associate of General Studies degree is designed with three primary components. Graduates must complete the general education core, an area of concentration, and general education electives.

Dean: Dr. Charles Stewart

Program Coordinators: Dorothy McCormick, Katrina Freeman, Paula McDonald, and Nicole Wiley.

Program Instructors: Alex Bell, Rebecca Bennett, Dr. Robert Caldwell, Todd Carrere, Lili Cheng, Lacey Couch, Dr. Mandy Creel, Dr. Joni Drost, Matthew Dye, Barbara Flowers, Jonathan Frantz, Katrina Freeman, Robert Groth, Lara Guidroz, Kristen S. Ison, Dr. Tyler Johnson, Dane Landry, Dr. Kathy Lewis-Thomas, Angela Madden, Dorothy E. McCormick, Paula McDonald, Hollie NeSmith, Dr. Michael Rather, Susan Shaffer, Sallie Shepherd, Dr. Paige Spencer, Dr. Charles Stewart, Dr. Bridget Whelan, Nicole Wiley.

Special Comments: To be awarded this degree, students must earn a C or better in all courses within the general education core requirements and the areas of concentration. All courses in the AGS degree program are to be selected in consultation with an advisor.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 or better in all credits used to fulfill degree requirements.

Program Learning Outcomes: Students who successfully complete the General Studies Degree Program will be able to:

1. Write, read, and listen critically and effectively.
2. Use quantitative skills and the concepts and methods of mathematics to solve problems.
3. Understand and apply the concepts and methods of the natural sciences.
4. Understand and apply the concepts and methods of social sciences.
5. Develop knowledge and understanding of history, the arts, and literature.
Objectives of the Associate of General Studies:

- To provide a flexible degree option for students whose educational needs are not met by existing degree programs.
- To provide coursework that allows students to transfer to a baccalaureate degree program with minimal or no loss of credit.
- To provide students a means of developing marketable skills for their chosen career paths.

Program of Study

Students admitted to the AGS degree, whose academic skills require that they be placed in transitional mathematics and/or English, must complete the appropriate transitional sequence(s) before enrolling in MATH 1100 and ENGL 1010.

Special Degree Requirements:

Students wishing to earn an Associate of General Studies Degree must complete the general education core, area of concentration, and general education electives.

*General Education Core Requirements*  
27 Credit Hours

- English Composition - ENGL 1010, 1020 (6 hours)
- Mathematics - MATH 1100 or higher (3 hours)
- Humanities (3 hours)
- Natural Science (6 hours)
- Social/Behavioral Science (6 hours)
- Fine Arts (3 hours)

*See catalog listing of General Education courses.*

Area of Concentration (Select one of the options below.)  
18 Credit Hours

- Fine Arts¹ & Humanities²
- Natural Science³/Mathematics⁴
- Social/Behavioral Science⁵

Electives  
15 Credit Hours

Electives should be selected with the assistance of an academic advisor and may be taken from any of the courses listed within the areas of concentration.

Associate of General Studies (AGS)  
60 Credit Hours

1. Fine Arts options: ARTS, THEA
2. Humanities options: ENGL higher than 1020, FREN, HIST, RELG, SPAN, SPCH
3. Natural Science options: BIOL, CHEM, ENSC, PHSC, PHYS
4. Mathematics options: MATH 1000 or higher
5. Social/Behavioral Science options: CRMJ, ECON, GEOG, POLI, PSYC, SOCL, BUSI 1090
## Associate of General Studies

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1100 or higher</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Elective*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>ENGL 1020</th>
<th>English Composition II</th>
<th>3</th>
<th>0</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Elective*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>American History</th>
<th>3</th>
<th>0</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social/Behavioral</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Elective*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 4</th>
<th>Fine Arts</th>
<th>3</th>
<th>0</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social/Behavioral</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Concentration*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Elective*</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Associate of General Studies (AGS) (60) 15

CIP Code: 240102
Total Clock Hrs: 900

*The total AGS Degree credits must be at least 60, but if optional labs are taken, the total number may exceed 60. If enrollment in labs and/or combination of one (1)-credit options adds up to 3 credits, then one fewer general education elective may be taken as long as the total number of credits equals 60.
GENERAL STUDIES

Certificate of General Studies

School: Arts & Sciences

Program Description: The Certificate of General Studies (CGS) curriculum provides students with a broad foundation of fundamental academic skills. This program offers students who are undecided about career goals or who are unsure of preparation of collegiate studies, the opportunity to increase readiness for collegiate study, explore career opportunities, and improve individual capacity for learning, personal growth, and interpersonal communication skills. The CGS is designed to provide the foundation needed to pursue additional studies at another college or university. The CGS allows students that intend to transfer the opportunity to tailor their certificate courses to meet admission and/or prerequisite requirements of the student’s intended program.

Dean: Dr. Charles Stewart

Program Coordinators: Dorothy McCormick, Katrina Freeman, Paula McDonald, and Nicole Wiley.

Program Instructors: Alex Bell, Rebecca Bennett, Dr. Robert Caldwell, Todd Carrere, Lili Cheng, Lacey Couch, Dr. Mandy Creel, Dr. Joni Drost, Matthew Dye, Barbara Flowers, Jonathan Frantz, Katrina Freeman, Robert Groth, Lara Guidroz, Kristen S. Ison, Dr. Tyler Johnson, Dane Landry, Dr. Kathy Lewis-Thomas, Angela Madden, Dorothy E. McCormick, Paula McDonald, Hollie NeSmith, Dr. Michael Rather, Susan Shaffer, Sallie Shepherd, Dr. Paige Spencer, Dr. Charles Stewart, Dr. Bridget Whelan, Nicole Wiley.

Special Comments: To be awarded this certificate, students must earn a C or better in all courses. All courses in the CGS program are to be selected in consultation with an advisor.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a certificate.

Program Learning Outcomes: Students who successfully complete the Certificate of General Studies Demonstrate knowledge of the humanities, science, mathematics, and social and behavioral sciences in order to understand the world and diverse cultures.

1. Write, read, and listen critically and effectively.
2. Use quantitative skills and the concepts and methods of mathematics to solve problems.
3. Understand and apply the concepts and methods of the natural sciences.
4. Understand and apply the concepts and methods of social sciences.
5. Will develop knowledge and understanding of history, the arts, and literature.
## General Studies

### Certificate of General Studies

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>English Composition II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1100 or higher</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Education Elective**

- Mathematics, Humanities, Natural Science or Social Science: 3

**Electives:**

- Electives: 6

### Certificate of General Studies (CGS) (30)

CIP Code: 240102

1. Fine Arts options: ARTS, THEA
2. Humanities options: ENGL higher than 1020, FREN, HIST, RELG, SPAN, SPCH
3. Natural Science options: BIOL, CHEM, ENSC, PHSC, PHYS
4. Mathematics options: MATH 1000 or higher
5. Social/Behavioral Science options: CRMJ, ECON, GEOG, POLI, PSYC, SOCL, BUSI 1090
School: Industrial Technology

Program Description: The Industrial Electrical Technology program will prepare individuals to install, troubleshoot, and repair wiring, electrical equipment, and other electrical devices used in the industrial environment, such as motors (AC and DC drives), transformers, control systems, industrial instruments, PLC’s, and lighting systems. Program specialties emphasize safe and efficient work practices, and basic occupational skills. They are organized into competency-based courses that specify occupational competencies, which the student must successfully complete. Areas of study also include all applicable codes and standards, blueprint reading, and wiring diagram interpretations, which are appropriate to the area.

Interim Dean: Richard Louviere

Program Coordinator: Richard Louviere


Special Comments: A minimum grade of C is required in all Industrial Electrical major-specific courses. This program is also offered at the Morgan Smith Campus.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a diploma.

Student Learning Outcomes: Students who successfully complete the Industrial Electrical Technology program will be able to:

1. Interpret voltage, current and resistance characteristics as they relate to circuit operation.
2. Use proper electrical test equipment.
3. Interpret electrical drawings.
4. Troubleshoot conventional and specialized motors and their feedback systems.
5. Select, install and troubleshoot industrial electrical sensors and devices.
6. Install, and troubleshoot a PLC and computer communications network.
7. Understand residential, commercial, and industrial diagrams, as well as motor control, and instrumentation piping diagrams.
8. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the electrical industry.
INDUSTRIAL ELECTRICAL TECHNOLOGY

Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INST 1010</td>
<td>Introduction to Instrumentation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 1111</td>
<td>Fundamentals of Electricity/Electronics</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1122</td>
<td>Residential Wiring</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 1000</td>
<td>Electrical Safety</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>English Composition 1</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>19</strong></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 1312</td>
<td>Generator and Transformer Operations</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>INST 1112</td>
<td>Fundamentals of Semiconductors/Circuits</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1220</td>
<td>Introduction to Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>General</td>
<td>Humanities</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Education*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 1230</td>
<td>National Electric Code</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 1240</td>
<td>Commercial and Industrial Systems</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 2722</td>
<td>Introduction to Programmable Controllers</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>General</td>
<td>PHSC 1000 or CHEM 1010</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Education*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 1430</td>
<td>Blueprint Interpretation</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>INST 2812</td>
<td>Advanced PLC’s</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 2220</td>
<td>Advanced Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>General</td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Education*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AAS - Industrial Electrical Technology (60)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIP Code: 460302
Total Clock Hrs: 1125

*General education courses should be selected in consultation with an advisor.
## INDUSTRIAL ELECTRICAL TECHNOLOGY

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>INST 1111</td>
<td>Fundamentals of Electricity/Electronics</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1122</td>
<td>Residential Wiring</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>INST 1010</td>
<td>Introduction to Instrumentation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 1000</td>
<td>Electrical Safety</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 1112</td>
<td>Fundamentals of Semiconductors/Circuits</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1220</td>
<td>Introduction to Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2722</td>
<td>Introduction to Programmable Controllers</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1240</td>
<td>Commercial and Industrial Systems</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

**CTS – Residential Electrician (28)**

| ELEC 1230  | National Electric Code                             | 1       | 2   | 3                |
| ELEC 1430  | Blueprint Interpretation                           | 1       | 2   | 3                |
| ELEC 1312  | Generator and Transformer Operations               | 3       | 0   | 3                |
| ELEC 2220  | Advanced Motor Controls                            | 3       | 1   | 4                |
| INST 2812  | Advanced PLC’s                                     | 3       | 1   | 4                |

**TD – Industrial Electrician (45)**

CIP Code: 460302
Total Clock Hrs: 900
School: Industrial Technology

Program Description: The mission of the Industrial Instrumentation Technology program is to provide classroom instruction and practical laboratory experience leading to the successful completion of the Associate of Applied Science in Industrial Instrumentation Technology, preparing individuals to maintain and repair control systems and components in the industrial manufacturing field.

Interim Dean: Richard Louviere

Program Coordinator: Richard Louviere

Program Instructors: Erik Anderson, Paul Bettis, David Blaney, Jeffrey Brossette, Gregory Castille, Christopher Fontenot, Robbie Johnson, Terrell Saucier.

Program Accreditation: Association of Technology, Management, and Applied Engineering (ATMAE)

Special Comments: A minimum grade of C is required in all Industrial Instrumentation major-specific courses. As an ATMAE accredited program, graduates in Industrial Instrumentation must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a degree or diploma.

Program Learning Outcomes: Students who successfully complete the Industrial Instrumentation Technology program will be able to:

1. Read and interpret instrument drawings while understanding control logic and fundamental electrical circuit theory.
2. Perform basic troubleshooting and calibration skills necessary for entry level instrumentation positions along with demonstrating understanding of safety hazards and procedures associated with industrial process control.
3. Identify typical industrial equipment and interface sensors with automatic controls.
4. Demonstrate punctuality and responsibility suitable to work place employment while communicating technical issues to peers both orally and in writing.
# INDUSTRIAL INSTRUMENTATION TECHNOLOGY

**Associate of Applied Science**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INST 1010</td>
<td>Introduction to Instrumentation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 1111</td>
<td>Fundamentals of Electricity/Electronics</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INST 1112</td>
<td>Fundamentals of Semiconductors/Circuits</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1312</td>
<td>Generator and Transformer Operations</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 1220</td>
<td>Introduction to Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INST 1310</td>
<td>Pressure and Level Measurements</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 1410</td>
<td>Flow and Final Control Elements</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2722</td>
<td>Introduction to Programmable Logic Controllers</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Gen Ed</td>
<td>PHSC 1000, CHEM 1010, or PHYS 2100</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 2220</td>
<td>Advanced Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2420</td>
<td>Industrial Control Systems</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2732</td>
<td>Temperature &amp; Analytical Measurement</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 2812</td>
<td>Advanced Programmable Logic Controllers</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AAS – Industrial Instrumentation Technology (60)**  
CIP Code 150404  
Total Clock Hrs: 1065
## INDUSTRIAL INSTRUMENTATION TECHNOLOGY

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>INST 1111</td>
<td>Fundamentals of Electricity/Electronics</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 1010</td>
<td>Introduction to Industrial Instrumentation</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 1112</td>
<td>Fundamentals of Semiconductors/Circuits</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ELEC 1312</td>
<td>Generator and Transformer Operations</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 1220</td>
<td>Introduction to Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 1410</td>
<td>Flow and Final Control Elements</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Electrical Helper (22)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 2220</td>
<td>Advanced Motor Controls</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 1310</td>
<td>Pressure and Level Measurements</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2420</td>
<td>Industrial Control Systems</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>INST 2732</td>
<td>Temperature &amp; Analytical Measurement</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>INST 2722</td>
<td>Introduction to Programmable Logic Controllers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INST 2812</td>
<td>Advanced Programmable Logic Controllers</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>TD – Industrial Instrumentation Technology (45)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CIP Code: 150404
School: Business and Applied Technology

Program Description: The mission of the Information Systems Technology program is to offer students a well-rounded education to prepare them for entry-level IT positions, or to help further their education. Students will receive supervised programming assignments, hands-on projects, training in computer hardware and operating systems, and an understanding of troubleshooting techniques. Program courses help prepare students for various industry-based certifications.

Dean: Dr. David Shankle

Program Coordinator: Debbie Lejeune

Program Instructors: Roy Bertucci, Barry Humphus, Katie Johnson, Mary Kennerson, Dr. Martha Jo Schexneider, Matthew Williams, Josh Young.

Special Comments: A minimum grade of C is required in all Information Systems Technology courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a degree, diploma, or certificate.

Program Learning Outcomes: Students who successfully complete the Information Systems Technology program will be able to:

1. Demonstrate logical steps to solve a problem
2. Install, configure, and maintain an operating system
3. Apply troubleshooting techniques to computer hardware
## INFORMATION SYSTEMS TECHNOLOGY

### Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1000 or OADM 1150</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1100 &amp; 1101</td>
<td>IT Essentials</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ITEC 1016</td>
<td>Problem Solving and Decision Making</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1210</td>
<td>Intro to Programming</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>ITEC 1010</td>
<td>Web Site Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1200, 1820, or 2010</td>
<td>Operating Systems Course</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Concentration Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>ITEC 2911</td>
<td>IT Ethics &amp; Career Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2535 or ENGL 1020</td>
<td>Technical Report Writing or English Composition II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Concentration Course</td>
<td></td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td>12 to 14</td>
</tr>
<tr>
<td>ITEC 2994</td>
<td>Software Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 2995</td>
<td>Networking Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Concentration Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Concentration Course</td>
<td></td>
<td>3</td>
<td>0 or 1</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Concentration Course</td>
<td></td>
<td>3</td>
<td>0 or 1</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

**AAS – Information Systems Technology Degree (60-62)**

CIP Code 110103
Total Clock Hrs: 945-1005

168
### INFORMATION SYSTEMS TECHNOLOGY

#### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 1100</td>
<td>IT Essentials: PC Hardware &amp; Software</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1101</td>
<td>IT Essentials: Lab for PC Hardware &amp; Software</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>ITEC 1016</td>
<td>Problem Solving and Decision Making</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC -PC Support Technician (7)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1150</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1210</td>
<td>Intro to Programming</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1010</td>
<td>Web Site Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1200,</td>
<td>Operating Systems Course</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>1820, or 2010</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 2911</td>
<td>IT Ethics &amp; Career Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2535</td>
<td>Technical Report Writing or English Composition II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>CTS - Information Technology Apprentice (26)</strong></td>
<td></td>
<td></td>
<td>19</td>
</tr>
</tbody>
</table>

### Networking Concentration

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 1500</td>
<td>Network Pro</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2680</td>
<td>Security Pro</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ITEC 2110</td>
<td>Intro to Networks</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ITEC 2120</td>
<td>Routing and Switching Essentials</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>ITEC Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2995</td>
<td>Networking Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

### Software Concentration

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 1320</td>
<td>Database Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Software Elective**</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Software Elective**</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Advanced Software Elective**</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2680</td>
<td>Security Pro</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ITEC 2994</td>
<td>Software Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

(Continued next page)
Cloud Computing Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 1500</td>
<td>Network Pro</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2680</td>
<td>Security Pro</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2230</td>
<td>Introduction to SQL</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2050</td>
<td>Cloud Computing</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2060</td>
<td>Virtualization and Instances</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 2993</td>
<td>Cloud Computing Internship</td>
<td>0</td>
</tr>
</tbody>
</table>

TD - Information Systems Technology (45-47)  
CIP Code 110103  
Total Clock Hrs: 945-1005

*Approved Networking Electives  
- ITEC 1200 Operating Systems  
- ITEC 1820 Linux +  
- ITEC 2010 MCSE 2-Windows Server  
- ITEC 2020 MSCE 3-Windows Network  
- ITEC 2030 MCSE 4-Windows Dir. Svc.  
- ITEC 2040 MCSE Core/Elective  
- ITEC 2110 Introduction to Networks  
- ITEC 2120 Routing and Switching Essentials  
- ITEC 2130 Scaling Networks  
- ITEC 2140 Connecting Networks  
- ITEC 2680 Security Pro

** Approved Software Electives (Software Concentration)  
- ITEC 1250 Programming Language I  
- ITEC 1531 Intro. to C Programming  
- ITEC 1550 Intro. to Visual Basic  
- ITEC 1570 Programming with VBA  
- ITEC 1571 Intro. to JAVA  
- ITEC 2230 Intro. to SQL

** Approved Adv. Software Electives (Software Concentration)  
- ITEC 1020 Adv. Web Site Dev  
- ITEC 1570 Programming with VBA  
- ITEC 2450 Adv. Visual Basic  
- ITEC 2500 Programming Language II  
- ITEC 2570 Adv. JAVA
SOWELA Technical Community College

MACHINE TOOL TECHNOLOGY
(Pending SACSCOC Approval)

School: Transportation and Applied Technology

Program Description: The Associate of Applied Science in Machine Tool Technology is designed to prepare students with a combined practical approach to the study of machining and millwright. The program will prepare students to install conveyor systems, connect machinery to power supplies and piping, direct hoisting and setting of machines, and adjust the moving and stationary parts of machines to certain specifications. Students will learn troubleshooting techniques and strategies. They will shape metal parts on lathes, grinders, drill presses, milling machines and computer numerical controlled machines and utilize these parts in the repair of heavy equipment and machinery. The program includes making computations for dimensions and cutting feeds and speeds using precision measuring instruments, laying out of parts, and heat treatment of metals. Students will receive hands-on experience with pumps, gearboxes, and compressors.

Dean: Dr. William Mayo

Program Coordinator: TBD

Program Instructors: TBD

Special Comments: A minimum grade of C is required in all MTEC courses and in MATH 1000 or 1100.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a degree, diploma, or certificate.

Program Learning Outcomes: Upon completing this program, students will be able to:

1. Demonstrate knowledge and skills required for an entry-level machinist/millwright position.
2. Demonstrate ability to install conveyor systems, connect machinery to power supplies and piping, direct hoisting and setting of machines, adjust the moving and stationary parts of machines to certain specifications.
3. Demonstrate ability to shape metal parts on lathes, grinders, drill presses, milling machines and computer numerical controlled machines.
4. Demonstrate ability to troubleshoot and repair pumps, gearboxes, and compressors.
MACHINE TOOL TECHNOLOGY

Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTEC 1110</td>
<td>Orientation and Safety</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>MTEC 1120</td>
<td>Introduction to Machinist</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 1130</td>
<td>Introduction to Millwright</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>General Ed</td>
<td>English Composition</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MTEC 1140</td>
<td>Machine Shop Math</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTEC 1210</td>
<td>Machinist I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 1220</td>
<td>Millwright I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>General Ed</td>
<td>Humanities</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Ed</td>
<td>MATH 1000 or 1100</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTEC 2110</td>
<td>Machinist II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2120</td>
<td>Millwright II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>General Ed</td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MTEC 2130</td>
<td>Milling Operations</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTEC 2210</td>
<td>Advanced Millwright</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2220</td>
<td>Advanced Machinist</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>General Ed</td>
<td>Natural Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MTEC 2230</td>
<td>Computer Numerical Control</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

AAS-Machine Tool Technology (60 credit hours)

CIP Code: 470303
Total Clock Hrs: 1320
## MACHINE TOOL TECHNOLOGY

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTEC 1110</td>
<td>Orientation and Safety</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>MTEC 1120</td>
<td>Introduction to Machinist</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 1130</td>
<td>Introduction to Millwright</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 1140</td>
<td>Machine Shop Math</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC Machinist/Millwright Helper (14)</strong></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>MTEC 1210</td>
<td>Machinist I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 1220</td>
<td>Millwright I</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2110</td>
<td>Machinist II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2120</td>
<td>Millwright II</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2130</td>
<td>Milling Operations</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Machine Apprentice (33)</strong></td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>MTEC 2210</td>
<td>Advanced Millwright</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2220</td>
<td>Advanced Machinist</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>MTEC 2230</td>
<td>CNC</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

**TD - Machine Tool Technology (45)**

CIP Code: 470303  
Total Clock Hrs: 1110
School: Nursing & Allied Health

Program Description: The Nurse Assistant program prepares students for employment in long-term care facilities, home health agencies, and hospitals where basic bedside nursing care is needed. Classroom instruction includes an introduction to health care, basic nursing skills, body structure and function, and infection control. Students participate in clinical activities under the supervision of the instructor. All OBRA Skill Standards are included in this competency-based curriculum. Upon completion of the program, the student is qualified for certification and employment in the areas of long-term home health and acute care.

Interim Dean: Kristine Stout, MSN, RN.

Interim Program Coordinator: Kristine Stout, MSN, RN.

Program Instructors: Kimberly Eaves, MSN, RN; Candyce Edwards, MSN, RN; Jan Kendall, MSN, RN; Patricia Montou, MSN, RN; Bethanie Pete, BSN, RN; Sally Roche’, BSN, RN; Lisa Rogers, ADN, RN; Sarah Seaman, BSN, RN; Sandra Smith, BSN, RN.

Interim Program Coordinator Morgan Smith Site: Kristine Stout, MSN, RN.

Program Instructors Morgan Smith Site: Jena Cormier, BSN, RN; Cathi Meche, ADN, RN.

Clinical Sites: Grand Cove, Lake Charles Care Center, Lake Charles Memorial Hospital, Resthaven Nursing Rehabilitation Center.

Clinical Sites Morgan Smith: Jeff Davis Living Center, Southwest Louisiana War Veterans Home, Jennings American Legion Hospital, Camelot Brookside.

Special Comments: All courses in the Nurse Assistant Program must be completed with a grade of C or higher. ANUR 1233 requires a grade of B in order to receive advanced standing in the Practical Nursing program.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a technical competency area certificate.

Program Learning Outcomes: Students who successfully complete the Nurse Assistant Program will be able to:
1. Demonstrate basic nursing skills while maintaining infection control and safety standards.
2. Perform cardiopulmonary resuscitation (CPR).
3. Demonstrate basic personal care skills for the client.
4. Demonstrate basic mental health and social service needs by modifying his/her own behavior in response to residents’ or clients’ behavior.
5. Demonstrate skills which incorporate principles of restorative nursing, including the use of assistive devices.
6. Demonstrate behavior which maintains residents’ or clients’ rights, including, but not limited to, providing privacy and maintenance of confidentiality and allowing clients to make personal choices to accommodate individual needs when possible, and providing care which safeguards the client against abuse.

(Continued next page)
Nurse Assistant Admission Requirements: To be considered for the Nurse Assistant program, an applicant must:

1. Submit a completed application.
2. Submit official copies of ACT, ACCUPLACER, or ASSET scores and official copies of transcripts of all college work to the Admission Office.
3. Satisfactorily complete one of two categories for admission below:
   a. Achieve an ACT score of: Reading 13, or
   b. ACCUPLACER Next Generation Reading score: 222
4. Be physically and emotionally able to meet the requirements of the program as determined by a qualified physician.

Limited openings are available in the Nurse Assistant Program. Acceptance will be determined by the date of the application and satisfactory completion of the admission criteria. Part of the application process includes authorization for a background verification to be done by a consumer-reporting agency. An applicant may be denied placement in clinical rotations based wholly or partially on information contained in the report. If participation in clinical is denied by the clinical site(s), the student will be dropped from the program, as he/she will be unable to meet program requirements.

NURSE ASSISTANT

Career and Technical Certificate

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACNA 1110</td>
<td>Introduction to Health Care</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>ACNA 1120</td>
<td>Basic Body Structure and Function</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>ANUR 1233</td>
<td>Nursing Fundamentals I</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ACNA 1160</td>
<td>Professionalism for Healthcare Providers</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>CTC – Nurse Assistant</td>
<td></td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

CIP Code: 513902
Total Clock Hrs: 195

175
School: Nursing and Allied Health

Program Description: The Associate of Science Degree in Nursing (ASN) is designed to prepare students for immediate employment in the healthcare arena and enhance possibilities of transfer coursework to a Baccalaureate of Science in Nursing (BSN) program. Graduates will be eligible to write the National Council Licensure Exam for RN (NCLEX-RN) and be prepared to enter the workforce as a registered nurse generalist.

Interim Dean: Kristine Stout, MSN, RN.

Program Coordinator: Valerie Waldmeier, PhD, APRN.

Program Instructors: Rachael Bilbo, MSN, RN; Sharon Dunbar, MSN, RN; Jan Kendall, MSN, RN; Michelle Ledet, MSN, RN; Kaye Martin, MSN, RN; Patricia Montou, MSN, RNC; Kathleen Morrissey, MSN, RN; Deanna Pulver, MSN, RN; Deanne Smith, MSN, RN; Kristine Stout, MSN, RN; Valarie Waldmeier, PhD, APRN.

Clinical Sites: Calcasieu Oaks, Landmark of Lake Charles, West Calcasieu Cameron Hospital, Christus-St. Patrick Hospital, Lake Charles Memorial Hospital, Pediatric Center of SWLA, Lake Charles Care Center, Grand Cove Nursing and Rehabilitation Center, Resthaven Nursing and Rehabilitation Center, St. Martin Deporres Nursing Home, and Jennings American Legion Hospital.

Special Comments: Acceptance to SOWELA Technical Community College does not guarantee clinical acceptance. A complete Application for Consideration must be submitted prior to the deadline and applicant must meet LSBN approval to enter clinical. The program requires a complete physical examination as part of the clinical process for entrance into the clinical nursing courses. An incomplete physical examination form will not be accepted. Proof of up-to-date immunizations or titers are required as a part of the physical examination before entry into clinical nursing courses. Students must have a minimum GPA of 2.8 in all completed courses required for the degree. Applicants must have a minimum of 2.0 overall GPA in addition to achieving the minimum entrance exam requirements. The ASN program calculates GPA for clinical ranking using grades earned in required courses completed at the time of application.

A student will be permitted to repeat only one required non-nursing or nursing course. A student who fails or withdraws (receives a grade of “D”, “F” or “W”) again in that course or from a second required course will no longer be permitted to apply to the ASN program at SOWELA Technical Community College School of Nursing and Allied Health.

Students who transfer to the School of Nursing and Allied Health at SOWELA from another institution are also subject to the rules listed above. Failure in nursing courses taken at another institution will be treated in the same way as failures in required nursing courses and non-nursing courses at SOWELA.

(Continued next page)
No application to enroll in clinical courses will be accepted after the designated deadline. An application to enroll in clinical courses is valid for one semester only and there is no waiting list.

Selection for Enrollment into Clinical courses will be dependent upon the following variables:

1. Completion of the first semester of course work (minimum to apply)
2. GPA for any course required for the degree (2.8 minimum with an Overall GPA of 2.0 minimum)
3. Earn a minimum of “C” in all required biology and mathematics courses
4. Pattern of repeated general academic courses required for the degree (including courses taken at other institutions).
5. Entrance Exam score
6. Number of hours at SOWELA Technical Community College
7. Completion of a baccalaureate degree or higher.

Once accepted into clinical, students who make less than an 80% in a theory course are required to repeat the course and clinical corequisite. A nursing course may be repeated one time only. A maximum of two different nursing courses may be repeated, including those dropped with a “W”.

A student repeating a nursing course must concurrently enroll in the corequisite nursing course; regardless if the student passed the corequisite course. The re-enrollment in the corequisite will not be counted as a repeated nursing course for the dismissal policy. The most current grade earned will be the grade for the course. Students repeating first level clinical must submit a full “APPLICATION TO ENROLL IN CLINICAL NURSING COURSES”. All grades earned in courses required in the curriculum (including the failing grades in first level nursing courses) will be utilized to rank the student. Students approved to re-enroll will be accepted based on space available. Clinical students are to refer to the ASN Student Handbook for Criteria for Dismissal from the ASN program. ASN majors are to refer to the college catalog for SOWELA Technical Community College Criteria for Graduation, Grade Appeals and Students’ Rights, Safety and Welfare; Guidance and Counseling.

**Student Health Insurance Verification:**

All students in the School of Nursing are responsible for health care costs sustained while enrolled in clinical nursing courses. School of Nursing students may be exposed to a number of communicable diseases while caring for clients in clinical settings, they may be at a higher risk than other university students for contracting a communicable disease. For this reason, the School of Nursing and Allied Health (SoNAH) **REQUIRES** all ASN students enrolled in clinical nursing courses retain a personal health insurance policy, and that this is verified by attaching a copy of the insurance card/policy with the clinical application.

In order to meet this requirement, students should consult their local telephone directory for names of insurance companies that provide hospitalization insurance in their area.

(Continued next page)
Program Learning Outcomes:
Graduates of the Associate of Science in Nursing (ASN) program of the School of Nursing and Allied Health will be prepared to:

1. Provide safe care that is culturally and developmentally appropriate
2. Practice within the legal, ethical and professional scope of the registered nurse
3. Foster human flourishing in their clients, team members and self
4. Make clinical nursing judgements based on evidence based practice

NURSING (RN)

LPN TO RN: ALTERNATIVE ADMISSION TO NURSING (RN)
Individuals holding a current unencumbered Louisiana license to practice as a Licensed Practical Nurse with IV Therapy Certification may be eligible for advanced placement in the Associate of Science Nursing (RN). LPNs interested in pursuing the Associate of Science Nursing (RN) should visit the website for the SOWELA School of Nursing and Allied Health or may contact the School at 337-421-6594.
## NURSING (RN)

*Associate of Science*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSSK 1010</td>
<td>College Success</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2253</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2251</td>
<td>Human Anatomy and Physiology I Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>American History I or</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>American History II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>English Composition II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2263</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2261</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>*NURS 1100</td>
<td>Nursing Fundamentals</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>*NURS 1110</td>
<td>Nursing Fundamentals Application</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 1150</td>
<td>Pharmacology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>NURS 2200</td>
<td>Nursing Concepts I</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>NURS 2210</td>
<td>Application of Nursing Concepts I</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2103</td>
<td>General Microbiology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2101</td>
<td>General Microbiology Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 2300</td>
<td>Nursing Concepts II</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>NURS 2310</td>
<td>Application of Nursing Concepts II</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2100</td>
<td>Elementary Statistics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 2335</td>
<td>Psychology of Human Development</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Semester 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 2400</td>
<td>Nursing Concepts III</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>NURS 2410</td>
<td>Application of Nursing Concepts III</td>
<td>0</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>NURS 2500</td>
<td>Nursing Capstone: Transition to Professional Nursing</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

(Continued next page)
(Continued from previous page)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 1200</td>
<td>Introduction to Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 1013</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

**AS — Nursing (71)**

CIP Code: 513801  
Total Clock Hrs: 1560

*Must meet admission requirements.*
School: Business and Applied Technology

Program Description: The mission of the Office Systems Technology program is to train students to be proficient in Microsoft Office and business practices for professional employment, or to help further their education. Courses include instruction in business communications, public relations, scheduling and travel management, conference and meeting recording, report preparation, office equipment and procedures, office supervisory skills, professional standards, and legal requirements. The program emphasizes safe and efficient work practices, basic occupational skills, and employability skills. The content is organized into competency-based courses that specify occupational competencies that the student must successfully complete.

Dean: Dr. David Shankle

Program Coordinator: Debbie Lejeune

Program Instructors: Adrienne Abel (Morgan Smith Site), Dr. Marie Coleman, Debbie Lejeune, Wendy Sonnier, Melinda Thigpen.

Program Accreditation: Association of Technology, Management, and Applied Engineering (ATMAE)

Special Comments: A minimum grade of C is required in all Office Systems Technology major-specific courses. As an ATMAE accredited program, graduates in Office Systems Technology must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a degree, diploma or certificate.

Program Learning Outcomes: Upon completing this program, students will be able to:

1. Demonstrate professionalism
2. Demonstrate formatting concepts in Microsoft Word and Microsoft Excel
3. Demonstrate proficiency in business communication
## OFFICE SYSTEMS TECHNOLOGY

### Associate of Applied Science

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1100</td>
<td>Keyboarding I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><strong>Business Elective</strong></td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSI 1080</td>
<td>Human Resource Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1200</td>
<td>Keyboarding II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1330</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1450</td>
<td>Basic Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1320</td>
<td>Introduction to Database Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1550</td>
<td>Advanced Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OADM 1650</td>
<td>Desktop Publishing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 2530</td>
<td>Office Procedures</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td><em>Accounting Elective</em>*</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>*<strong>Elective</strong></td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>AAS – Office Systems Technology (60)</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

CIP Code: 520401
Total Clock Hrs: 900

(Continued next page)
(Continued from previous page)

*Approved Accounting Electives: 3 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 1120</td>
<td>Bookkeeping Applications</td>
<td>ACCT 1510</td>
<td>Computerized Accounting II</td>
</tr>
<tr>
<td>ACCT 1150</td>
<td>Federal Income Tax</td>
<td>ACCT 2030</td>
<td>Financial Accounting</td>
</tr>
<tr>
<td>ACCT 1210</td>
<td>Computerized Accounting I</td>
<td>ACCT 2040</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>ACCT 1250</td>
<td>Payroll Accounting</td>
<td>ACCT 2995</td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2996</td>
<td>Special Projects</td>
</tr>
</tbody>
</table>

**Approved Business Electives: 3 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSI 1030</td>
<td>Introduction to Business</td>
<td>BUSI 2310</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>BUSI 1090</td>
<td>Personal Finance</td>
<td>BUSI 2320</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUSI 1210</td>
<td>Business Math</td>
<td>BUSI 2330</td>
<td>Business Ethics</td>
</tr>
<tr>
<td>BUSI 2010</td>
<td>Legal Environment of Business</td>
<td>BUSI 2995</td>
<td>Internship</td>
</tr>
</tbody>
</table>

***Approved Electives: 3 hours

Any College Course
### OFFICE SYSTEMS TECHNOLOGY

**Diploma/Certificate Options**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>OADM 1150</td>
<td>Introduction to Software Applications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 1000</td>
<td>Application Basics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1100</td>
<td>Keyboarding I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC – General Clerk (6) (CIP 520401)</strong></td>
<td></td>
<td></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td>ACCT 1110</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1200</td>
<td>Keyboarding II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1330</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1450</td>
<td>Basic Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Business Elective</strong></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Word Processor Operator (21)</strong></td>
<td></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>BUSI 1080</td>
<td>Human Resource Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 2300</td>
<td>Business Communications</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 1320</td>
<td>Introduction to Database Management</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 1550</td>
<td>Advanced Word Processing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Office Assistant (33)</strong></td>
<td></td>
<td></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td>OADM 1650</td>
<td>Desktop Publishing</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>OADM 2530</td>
<td>Office Procedures</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*Accounting Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>***Elective</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD – Office Systems Technology (45)</strong></td>
<td></td>
<td></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

CIP Code: 520401
School: Nursing and Allied Health

Program Description: The Practical Nursing program is designed to prepare the student to become a Licensed Practical Nurse. The program consists of both classroom instruction and supervised clinical activities in accredited hospitals, nursing homes, and other health care agencies. Since man is a biological, psychological, and spiritual being who is evolving across the life span, it is essential that nursing needs be met by caring, supportive persons who recognize these many facets and who respect individuality. The program content has been developed utilizing the Administrative Rules for the Louisiana State Board of Practical Nurse Examiners (LSBPNE). The nursing process incorporates the concepts of holistic nursing, hierarchy of needs, stress and adaptation, creative problem-solving, and psychosocial development. Students who are unable to complete the Practical Nursing program may be awarded a Certificate in Nursing Assistant if they satisfactorily complete and can demonstrate the competencies of OBRA skills, as determined by the instructor, and complete a minimum of 40 hours of clinical activities. Upon graduation, the student is awarded a technical diploma and is eligible to take the National Council Licensure Examination (NCLEX) for Practical Nurses. Students should note that some courses have prerequisites, which must be successfully completed before enrolling in upper level courses. All course work must be completed with at least 80% or above for program progression and completion.

Interim Dean: Kristine Stout, MSN, RN.

Program Coordinator: Kim Eaves, MSN, RNC.

Program Instructors: Lynn Boyett, ADN; Candyce Edwards, MSN, RN; Natalie Gillett, BSN, RN; Jan Kendall, MSN, RN; Patricia Montou, MSN, RNC; Bethanie Pete, BSN, RN; Sally Roche’, BSN, RN; Deanna Pulver, MSN, RN; Lisa Rogers, ADN, RN; Sarah Seaman, BSN, RN; Sandra Smith, BSN, RN.

Program Coordinator Morgan Smith Site: Jenae Cormier, BSN, RN.

Program Instructors Morgan Smith Site: Jenae Cormier, BSN, RN; Cathi Meche, ADN, RN.

Program Coordinator Oakdale Site: Tiffany Thomas, BSN, RN.

Program Instructors Oakdale Site: Debora McNicol, ADN,RN; Tiffany Thomas, BSN, RN, PN.
Clinical Sites: West Cal-Cam Hospital, Calcasieu Oaks, Christus-St. Patrick Hospital, Lake Charles Memorial Hospital, Grand Cove Nursing and Rehabilitation Center, Lake Charles Care Center, Resthaven Rehabilitation Center and Imperial Calcasieu Medical Group, Pediatric Center.

Clinical Sites Morgan Smith: Jennings American Legion Hospital, Southwest Louisiana War Veterans Home, MMO West End Hospital, Dr. Darrell Elias, Dr. Amanda LeCombe, Jeff Davis Living Center, The Clinic of Welsh, Jennings Pediatric Center, James Ward Elementary School, Camelot Brookside.

Clinical Sites Oakdale: Christus Lake Area Hospital, Savoy Medical Center, Oakdale Community Hospital, Allen Oaks Nursing and Rehabilitation Center, Kinder Retirement Rehabilitation Center, St. Francis Nursing Home and Rehabilitation Center, Brighton Bridge Hospice, Newman Family Clinic.

Special Comments: The grading scale utilized in this program is set by the LSBPNE. According to the LSBPNE grading scale, the minimum grade required in all Practical Nursing courses is 80% or the letter grade C. Students who make less than an 80% in a theory course are required to repeat the associated clinical course, as well as the theory course, even if a passing grade was made in the clinical course. Application for approval is submitted prior to entering the first semester of the program; however, progression in the program is contingent on LSBPNE approval. Students exiting the program with credit in ANUR 1233 will be awarded a CTC in nursing assistant. The LSBPNE requires that all nursing students complete State and FBI background check upon admission/readmission and at time of application for licensure.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a certificate or diploma.

Program Learning Outcomes: Upon completing this program, students will be able to:

1. Provide holistic care that promotes and enhances human flourishing across the life cycle.
2. Identify and utilize tools to assist in the development of professional identity.
3. Utilize evidence based practice to demonstrate sound nursing judgment based on clinical reasoning.
4. Identify and collaborate with interdisciplinary members of the healthcare team in a spirit of inquiry.
Practical Nursing Admission Requirements: To be considered for the Practical Nursing Program, an applicant must:

- Be 18 years of age or older.
- Provide an official high school transcript or documentation of a HiSET.
- Provide a certified copy of his/her birth certificate.
- Provide proof of immunizations.
- Be physically and emotionally able to meet the requirements of the program as determined by a qualified physician and drug-free upon random testing.
- Submit official copies of ACT or Accuplacer/Accuplacer Next Generation scores and official copies of transcripts of all work to the Enrollment Services One Stop Center.
- Satisfactorily complete one of four categories for admission before qualifying to submit an application. Admission categories are as follows:
  
  a. ACT scores: Reading 20, English 17, and Math 18, or
  
  *b. ACCUPLACER scores: Reading 65, Math 48, and Language 74
  
  c. ACCUPLACER Next-Generation scores: Mathematics QRAS 243, Reading 250, and Language 241
  
  d. take and pass transitional courses in areas where college entrance score requirements are not achieved; see the Nursing Department Testing Policy for additional information.

- Submit a completed application.

*Entrance Exams and scores are mandated by LA. State Board of Practical Nurse Examiner (LSBPNE) and are subject to change.
## PRACTICAL NURSING

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANUR 1040</td>
<td>PN Anatomy &amp; Physiology</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>ANUR 1233</td>
<td>Nursing Fundamentals I</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ANUR 1240</td>
<td>Nursing Fundamentals II</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>ANUR 1350</td>
<td>Introduction to Health Care</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANUR 1450</td>
<td>Basic Pharmacology</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>ANUR 2110</td>
<td>Medical Surgical Nursing Concepts I</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>ANUR 2112</td>
<td>Medical Surgical Nursing Clinical Applications I</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ANUR 2223</td>
<td>Mental Health Nursing Concepts</td>
<td>2</td>
<td>.5</td>
<td>2.5</td>
</tr>
<tr>
<td>ANUR 2323</td>
<td>Pediatric Nursing</td>
<td>2</td>
<td>.5</td>
<td>2.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td><strong>Semester 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANUR 2210</td>
<td>Medical-Surgical Nursing Concepts II</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>ANUR 2212</td>
<td>Medical-Surgical Nursing Clinical Applications II</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ANUR 2230</td>
<td>IV Therapy Concepts</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td><strong>Semester 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANUR 2243</td>
<td>Maternal/Neonate Nursing</td>
<td>2</td>
<td>.5</td>
<td>2.5</td>
</tr>
<tr>
<td>ANUR 2310</td>
<td>Medical-Surgical Nursing Concepts III</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>ANUR 2312</td>
<td>Medical-Surgical Nursing Clinical Applications III</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ANUR 2340</td>
<td>Advanced Pharmacology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ANUR 2353</td>
<td>PN Professionalism</td>
<td>2</td>
<td>.5</td>
<td>2.5</td>
</tr>
<tr>
<td>TD – Practical Nursing (62)</td>
<td></td>
<td></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

*CIP Code: 513901*  
Total Clock Hrs: **1515**

*Note: The order of classes is subject to change.*
School: Industrial Technology

Program Description: The mission of the Process Technology program is to provide classroom instruction and practical laboratory experience leading to the successful completion of the Associate of Applied Science in Process Technology, preparing students for employment in the industrial manufacturing and processing field.

The program prepares individuals to monitor, operate, and maintain equipment used in the processing of raw material into marketable chemical/petrochemical refinery products. The program includes instruction in, but is not limited to, the following: materials handling, extraction, distillation, evaporation, drying, absorption, heat transfer, cracking, and reaction processes. The program also addresses industrial safety, health and environmental concerns in the field of process technology and general plant operations. The program emphasizes safe and efficient work practices, basic occupational skills, and employability skills.

Interim Dean: Richard Louviere

Interim Program Coordinator: Doug VanDyke


Program Accreditation: Association of Technology, Management, and Applied Engineering (ATMAE)

Special Comments: A minimum grade of C is required in all Process Technology major-specific courses. As an ATMAE accredited program, graduates in Process Technology must successfully complete a minimum of twelve hours of technical coursework at SOWELA.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, technical diploma, or certificate.

Program Learning Outcomes: Students who successfully complete the Process Technology program will be able to:

1. Run one or more PTEC processing units and create a piping and instrument diagram of an operating refinery/petrochemical process.

2. Demonstrate the ability to work in one or more of the PTEC processing units while simulating real world activity as in the commercial units using inside/outside operator concepts, communicating via radios comparing inside/outside data.

3. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the process technology industry.

(Continued next page)
Process Technology Fast Track Program:
In order to meet industry needs, SOWELA has developed the Process Technology (PTEC) Fast Track program. This innovative approach to training is providing opportunity for motivated individuals who desire to make a career change and want to take advantage of the new high paying careers that are being created as a result of industry expansion. This approach is not a shortened version of SOWELA’s well-established two-year program, but rather the same courses offered in a compressed format. Instead of the traditional two or three day a week semester style course offering, the courses are offered Monday through Friday and stacked as three or four classes per day to offer a full load. This full load offers the entire core Process Technology courses, which consists of 37 credit hours in 16 weeks towards the AAS degree.

As a compressed version of SOWELA’s existing program, students can plan to spend less time transitioning into a new career. The repetitive and immersion-style approach to teaching the required materials keeps students connected through a building-block approach to learning.

The Fast Track PTEC program is specifically designed to help those with an Associate’s degree or higher to attain the Associates of Applied Science (AAS) degree in Process Technology within as little as one semester. For more information, please contact the Process Technology department at pteccohort@sowela.edu to see when the next cohort will be offered as well as instructions on how to apply.
Process Technology Progression Requirements

Beginning in spring 2018, new students who are interested in progressing through the Process Technology degree program must submit a progression application online via the SOWELA website no later than the deadlines indicated online. The application must be completed in its entirety to be eligible for review.

Students enrolled in Process Technology who are pre-registered in Process Technology (PTEC) courses and do not meet all of the requirements listed under the Process Technology Progression Requirements section may be dropped from those PTEC courses. By this action, these dropped courses will be completely removed from the students’ academic schedule for the upcoming semester.

In addition to SOWELA’s admission criteria, there are requirements that students must meet to complete the progression application and are as follows:

- Receive a cumulative grade point average (GPA) of a 2.0 or higher
- Minimum grade of ‘C’ in all transitional courses or eligibility for ENGL 1010 and MATH 1100 by the end of the semester in which the application is being submitted
- Complete the Bennett Mechanical Comprehension Test - 2nd ed. (BMCT®-II) with a minimum score as indicated on SOWELA’s website
- If the student has earned prior college credits, he or she will need to submit official transcripts to SOWELA as soon as possible. The student must be fully admitted to SOWELA Technical Community College in order to be eligible for progression in the Process Technology program. This will require immunization records, official transcripts, etc.

All documentation must be submitted online via SOWELA’s website by the dates listed on https://www.sowela.edu.

For full details, please see the Process Technology Progression Requirements document. This may be obtained from an advisor or the SOWELA website. The advisors are faculty advisors.
# PROCESS TECHNOLOGY
*Associate of Applied Science*

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Cr Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 1010</td>
<td>Introduction to Process Technology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2030</td>
<td>Plant Safety, Health and Environmental</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Approved Computer Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1010</td>
<td>General Chemistry I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1011</td>
<td>General Chemistry I Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PTEC 1330</td>
<td>Process Instrumentation</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1331</td>
<td>Process Instrumentation Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1630</td>
<td>Process Equipment</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1631</td>
<td>Process Equipment Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2070</td>
<td>Statistical Quality Control</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTEC 2420</td>
<td>Process Systems</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2421</td>
<td>Process Systems Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Physical Science or Process Physics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Science Lab or Process Physics Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Humanities</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>History</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTEC 2440</td>
<td>Process Troubleshooting</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2630</td>
<td>Fluid Mechanics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2430</td>
<td>Unit Operations</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2431</td>
<td>Unit Operations Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2911 or 2912</td>
<td>Campus or Industrial Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AAS – Process Technology (60)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CIP Code: 150699</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Clock Hrs: 1140</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### PROCESS TECHNOLOGY

**Diploma/Certificate Options**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTEC 1010</td>
<td>Introduction to Process Technology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2030</td>
<td>Plant Safety, Health and Environmental</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 1330</td>
<td>Process Instrumentation</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1331</td>
<td>Process Instrumentation Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1630</td>
<td>Process Equipment</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 1631</td>
<td>Process Equipment Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2070</td>
<td>Statistical Quality Control</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Approved Computer Science</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CTS – Process Technology Support Technician (20)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTEC 2420</td>
<td>Process Systems</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2421</td>
<td>Process Systems Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PTEC 2440</td>
<td>Process Troubleshooting</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2630</td>
<td>Fluid Mechanics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>PTEC 2430</td>
<td>Unit Operations</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2431</td>
<td>Unit Operations Lab</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PTEC 2911 or 2912</td>
<td>Campus or Industrial Internship</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1000</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1010</td>
<td>General Chemistry 1</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1011</td>
<td>General Chemistry 1 Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Physical Science or Process Physics</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Science Lab or Process Physics Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>TD – Process Technology (48)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CIP Code:** 150699
School: Nursing and Allied Health

Program Description: Sterile Processing is a certificate program designed to train students as Sterile Processing Technicians to support the surgical team.

The program is an 18 credit hour certificate of technical studies (CTS) program that prepares students for employment in the medical field as sterile processors. Upon successful completion, students will have met the requirements and sit for national certification through the International Association of Healthcare Central Service Material Management (CRCST).

Interim Dean: Kristine Stout, MSN, RN.

Interim Program Coordinator: Kristine Stout, MSN, RN.

Program Instructors: Costasia Victorian, CRCST.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive an associate degree, technical diploma, or certificate.

Program Learning Outcomes: Students who successfully complete the Sterile Processing Technology program will be able to:

1. Enter the profession by being skilled in the decontamination of surgical sets.
2. Provide knowledge of the industry regulations and implement best practices for sterile processing.
3. Perform the sterile process from decontamination to sterilization to storing sterilized instruments.
# SOWELA Technical Community College

## STERILE PROCESSING TECHNOLOGY

### Certificate

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STPR 1041</td>
<td>Introduction to Sterile Processing</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>STPR 1143</td>
<td>Sterile Processing Concepts I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>STPR 1142</td>
<td>Sterile Processing Concepts I Application</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>STPR 1253</td>
<td>Sterile Processing Concepts II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>STPR 1263</td>
<td>Sterile Processing Concepts II Application</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Semester 2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STPR 2106</td>
<td>Sterile Processing Practicum</td>
<td>0</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – Sterile Process Technician (18)</strong></td>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

CIP Code: 511012  
Total Clock Hrs: 600
School: Nursing and Allied Health

Program Description: Surgical Technology: The Surgical Technology program is designed to train practitioners at the Associate of Applied Science (AAS) level in Surgical Technology to meet the needs of local healthcare partners. Students will acquire the skills needed to serve as a member of the surgical team and provide quality patient care. The CAAHEP accredited program offers a curriculum in line with the 6th Edition Core Curriculum for Surgical Technology programs. Graduates will be eligible to sit for the National CST ® Certified Surgical Technologist Exam administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA) and be prepared to enter the workforce as an entry level surgical technologist.

Interim Dean: Kristine Stout, MSN, RN.

Program Director: Amy Broussard, CST, CSFA, FAST, CRCST, AAS

Program Instructors: Amy Broussard, CST, CSFA, FAST, CRCST, AAS, Maria Briscoe, CST, TS-C, AAS, BA, Heather Perilloux, CST, CRCST, AAS.

Special Comments: Acceptance to SOWELA Technical Community College does not guarantee clinical program acceptance. A complete Program Clinical Application must be submitted prior to the deadline with all the required documentation attached. The program requires a complete physical examination as part of the clinical application for entrance into the clinical courses. An incomplete physical examination form will not be accepted. Proof of up-to-date immunizations or titers are required as a part of the physical examination before the application will be considered. Students must have achieved the minimum entrance exam requirements, have a minimum program curriculum GPA of 2.7, and earned a “C” or better in all completed curricular courses required for the degree. Applicants must maintain a minimum of 2.0 overall GPA and earn a “C” or better in all core STEC courses to successfully meet graduation requirements. The Surgical Technology program calculates GPA for clinical ranking using grades earned in required courses completed at the time of application. An application to enroll in clinical courses is valid for one semester only and there is no waiting list.

Selection for Admissions into the clinical program and clinical courses will be dependent upon the following variables:

1. Submission of complete application with all required documents and health forms by the deadline.
2. Completion of the required pre-requisite course work and have a minimum curricular GPA 2.7
3. Earn a minimum of “C” in all required pre-requisite courses

If additional variables are needed to select students the following will be considered:

4. Pattern of repeated general academic courses required for the degree (including courses taken at other institutions).
5. Entrance Exam score
6. Only 1 attempt at any course in the program curriculum.
7. Work experience within the medical field in associated disciplines
8. Completion of a college degree (associate or higher) in associated medical disciplines

9. In good standing with the college and number of hours at SOWELA Technical Community College to obtain pre-requisite courses

Once accepted into clinical, students who make less than an “C” in a theory course are required to repeat the course and clinical co-requisite courses from the semester. A core STEC course may be repeated one time only. All grades earned in courses required in the curriculum (including the failing grades for re-admitting students) will be utilized to rank the student. Students approved to re-enroll will be accepted based on the clinical program space available. Clinical students are to refer to the Surgical Technology Student Handbook for Criteria for Dismissal from the program. Surgical Technology majors are to refer to the college catalog for SOWELA Technical Community College Criteria for Graduation, Grade Appeals and Students’ Rights, Safety and Welfare; Guidance and Counseling.

Overall Grade Point Average: Program requirements must be completed with a “C” or better and an overall grade point average of 2.0 in order to receive an associate degree.

Program Learning Outcomes: Students who successfully complete the Surgical Technology program will be able to:

1. Assist in surgical procedures safely by utilizing appropriate knowledge of anatomy, pathophysiology, pharmacology, medical terminology, and the application of surgical aseptic technique. (cognitive, psychomotor, and effective)

2. Practice within the legal, ethical and professional scope of the Surgical Technologist by performing all preoperative skills and duties safely. (cognitive and effective)

3. Meet the educational requirements necessary for the national certifying exam administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA). (cognitive and psychomotor)

4. Develop the entry level employment skills for the various roles of the Surgical Technologist in the cognitive (knowledge) psychomotor (skills), and effective (behavioral) learning domains.
The SOWELA Technical Community College Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of Accreditation Review Committee for Surgical Technology and Surgical Assisting (www.arcstsa.org).

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
25400 US Highway 19 North, Suite 158
Clearwater, FL 33763
1-727-210-2350
https://www.caahep.org

Students will meet requirements and be eligible to sit for the CST ® Certification Exam administered by the National Board of Surgical Technologist and Surgical Assistants (NBSTSA).

National Board of Surgical Technology and Surgical Assisting (NBSTSA)
6 West Dry Creek Circle, Suite #100
Littleton, CO 80120 (303) 693.9130
(800) 707.0057
https://www.nbstsa.org
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Cr Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 2253</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2251</td>
<td>Human Anatomy and Physiology I Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>English Composition I</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Education</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEDL 1303</td>
<td>Introduction to Health Care for Surgical Technology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2263</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2261</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>MEDL 1300</td>
<td>Medical Terminology</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEC 1106</td>
<td>Surgical Procedures I</td>
<td>5</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>STEC 1111</td>
<td>Surgical Clinical I</td>
<td>0</td>
<td>1*</td>
<td>1</td>
</tr>
<tr>
<td>STEC 1157</td>
<td>Surgical Roles and Techniques</td>
<td>3</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEC 2206</td>
<td>Surgical Procedures II</td>
<td>5</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>STEC 2216</td>
<td>Surgical Clinical II</td>
<td>0</td>
<td>6*</td>
<td>6</td>
</tr>
<tr>
<td>General Education</td>
<td></td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Semester 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEC 2317</td>
<td>Surgical Clinical III - Externship</td>
<td>0</td>
<td>7*</td>
<td>7</td>
</tr>
<tr>
<td>STEC 2352</td>
<td>Surgical Case Review</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

**AAS – Surgical Technology (61)**

CIP Code: 510909
Total Clock Hrs: 1485

* Clinical Hours
School: Arts and Sciences

Program Description: The mission of the School of Arts and Science is to provide excellent educational opportunities for students by supporting their individual goals to further education at the baccalaureate level or to enter directly into the workforce.

The Associate of Arts Louisiana Transfer degree program is designed to facilitate transfer from community colleges to related baccalaureate degree programs at public universities in Louisiana. The purpose of the Associate of Arts Louisiana Transfer degree program is to provide rigorous general education coursework coupled with related preparatory instruction in pre-defined, discipline specific tracks to allow seamless transition from the associate degree to the baccalaureate degree with maximization of credits awarded. The Associate of Arts Louisiana Transfer Degree will transfer as a total block rather than by individual course review.

Students in the Associate of Arts Louisiana Transfer Degree program may choose from three concentrations: 1) Criminal Justice, 2) Humanities, or 3) Social/Behavioral Sciences.

The total credit hours required for the AALT degree is 60, with 39 hours required in approved general education coursework and the remaining 21 credit hours in pre-approved discipline-specific coursework as preparation for continued studies in a related baccalaureate degree program.

Advising and planning are key to a student’s success in maximizing the transfer experience. All students who might eventually transfer from SOWELA to a university should develop, with an advisor’s assistance, a written degree plan of courses to take for the transfer associate degree. Whenever possible, students should use the transfer degree requirements to satisfy the specific course requirements for the baccalaureate degree and major of the university to which they plan to transfer. This information is available through the university’s website linked to www.latransfer-degree.com

In summary, for students who complete the Associate of Arts Louisiana Transfer Degree with the required grades, the degree guarantees:

- Admission to a 4-year Louisiana public university
- Junior-level standing
- Transfer of all 60 credit hours
- Completion of General Education block requirements at any Louisiana public university

Dean: Dr. Charles Stewart

Program Coordinators: Katrina Freeman, Dorothy McCormick, Paula McDonald, and Nicole Wiley.

(Continued next page)
Program Instructors: Alex Bell, Rebecca Bennett, Jonathan Byrd, Dr. Robert Caldwell, Todd Carrere, Lili Cheng, Lacey Couch, Dr. Mandy Creel, Dr. Joni Drost, Matthew Dye, Barbara Flowers, Jonathan Frantz, Katrina Freeman, Robert Groth, Lara Guidroz, Kristen S. Ison, Dr. Tyler Johnson, Dane Landry, Angela Madden, Dorothy E. McCormick, Paula McDonald, Hollie Nesmith, Dr. Lisa Quibodeaux, Dr. Michael Rather, Susan Shaffer, Sallie Shepherd, Dr. Paige Spencer, Dr. Charles Stewart, Ricky Titus, Dr. Bridget Whelan, Nicole Wiley.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 or better in all credits used to fulfill degree requirements. Further, students must earn a “C” or better in all coursework applied to the degree.

Program Learning Outcomes: Students who successfully complete the Associate of Arts Louisiana Transfer will be able to:
1. Write, read, and listen critically and effectively.
2. Use quantitative skills and the concepts and methods of mathematics to solve problems.
3. Understand and apply the concepts and methods of the natural sciences.
4. Understand and apply the concepts and methods of social sciences.
5. Will develop knowledge and understanding of history, the arts, and literature.

CRIMINAL JUSTICE CONCENTRATION

Below is a general outline for the concentration in Criminal Justice.

General Education Requirements (39 Credit Hours):
English Composition - 6 credit hours
Math/Analytical Reasoning - 6 credit hours
Fine Arts - 3 credit hours
Humanities - 9 credit hours
Natural Sciences - 9 credit hours
Social/Behavioral Sciences - 6 credit hours

Discipline Specific Courses (21 Credit Hours):
The remaining 21 credit hours are discipline specific and should be selected as preparatory coursework for continued studies in a related baccalaureate degree program.
HUMANITIES CONCENTRATION

Below is a general outline for the concentration in the Humanities.

General Education Requirements (39 Credit Hours):

- English Composition - 6 credit hours
- Math/Analytical Reasoning - 6 credit hours
- Fine Arts - 3 credit hours
- Humanities - 9 credit hours
- Natural Sciences - 9 credit hours
- Social/Behavioral Sciences - 6 credit hours

Discipline Specific Courses (21 Credit Hours):
The remaining 21 credit hours are discipline specific and should be selected as preparatory coursework for continued studies in a related baccalaureate degree program.

SOCIAL/BEHAVIORAL SCIENCES CONCENTRATION

Below is a general outline for the concentration in the Social and Behavioral Sciences.

General Education Requirements (39 Credit Hours):

- English Composition - 6 credit hours
- Math/Analytical Reasoning - 6 credit hours
- Fine Arts - 3 credit hours
- Humanities - 9 credit hours
- Natural Sciences - 9 credit hours
- Social/Behavioral Sciences - 6 credit hours

Discipline Specific Courses (21 Credit Hours):
The remaining 21 credit hours are discipline specific and should be selected as preparatory coursework for continued studies in a related baccalaureate degree program.

Associate of Arts Louisiana Transfer Degree (AALT) 60 Credit Hours

CIP Code: 240199
THE ASSOCIATE OF ARTS LOUISIANA TRANSFER DEGREE (2)

School: Business and Applied Technology

Program Description: The mission of the Associate of Arts Louisiana Transfer degree program is to facilitate transfer from community colleges to related baccalaureate degree programs at public universities in Louisiana.

The purpose of the Associate of Arts Louisiana Transfer degree program is to provide rigorous general education coursework coupled with related preparatory instruction in pre-defined, discipline specific tracks to allow seamless transition from the associate degree to the baccalaureate degree with maximization of credits awarded. The Associate of Arts Louisiana Transfer Degree will transfer as a total block rather than by individual course review.

The total credit hours required for the degree is 60, with 39 hours required in approved general education coursework and the remaining 21 credit hours in pre-approved discipline-specific coursework as preparation for continued studies in a related baccalaureate degree program.

Advising and planning are key to a student’s success in maximizing the transfer experience. All students who might eventually transfer from SOWELA to a university should develop, with an advisor’s assistance, a written degree plan of courses to take for the transfer associate degree. Whenever possible, students should use the transfer degree requirements to satisfy the specific course requirements for the baccalaureate degree and major of the university to which they plan to transfer. This information is available through the university’s website linked to www.latransfer-degree.com

In summary, for students who complete the Associate of Arts Louisiana Transfer Degree with the required grades, the degree guarantees:

- Admission to a 4-year Louisiana public university
- Junior-level standing
- Transfer of all 60 credit hours
- Completion of General Education block requirements at any Louisiana public university

Dean: Dr. David Shankle

Program Coordinator: Debbie Lejeune

Program Instructors: Alex Bell, Rebecca Bennett, Todd Carrere, Lacey Couch, Dr. Mandy Creel, Dr. Joni Drost, Matthew Dye, Jonathan Frantz, Katrina Freeman, Robert Groth, Kristen S. Ison, Dr. Tyler Johnson, Dane Landry, Debbie Lejeune, Angela Madden, Dorothy E. McCormick, Paula McDonald, Rick Monceaux, Hollie Nesmith, Susan Shaffer, Sallie Shepherd, Dr. Paige Spencer, Dr. Charles Stewart, Sarah Walter, Dr. Bridget Whelan, Nicole Wiley.

(Continued next page)
Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 or better in all credits used to fulfill degree requirements. Further, students must earn a “C” or better in all coursework applied to the degree.

Program Learning Outcomes: Students who successfully complete the Associate of Arts Louisiana Transfer will be able to:

1. Write, read, and listen critically and effectively.
2. Use quantitative skills and the concepts and methods of mathematics to solve problems.
3. Understand and apply the concepts and methods of the natural sciences.
4. Understand and apply the concepts and methods of social sciences.
5. Will develop knowledge and understanding of history, the arts, and literature.

GENERAL BUSINESS CONCENTRATION
Below is a general outline for the concentration in General Business.

General Education Requirements (39 Credit Hours):
English Composition - 6 credit hours
Math/Analytical Reasoning - 6 credit hours
Fine Arts - 3 credit hours
Humanities - 12 credit hours
Natural Sciences - 9 credit hours
Social/Behavioral Sciences - 3 credit hours

Discipline Specific Courses (21 Credit Hours):
The remaining 21 credit hours are discipline specific and should be selected as preparatory coursework for continued studies in a related baccalaureate degree program.

Associate of Arts Louisiana Transfer Degree (AALT)  60 Credit Hours
CIP Code: 240199
THE ASSOCIATE OF SCIENCE LOUISIANA TRANSFER DEGREE

School: Arts and Sciences

Program Description: The mission of the Associate of Science Louisiana Transfer degree program is to facilitate transfer from community colleges to related baccalaureate degree programs at public universities in Louisiana.

The purpose of the Associate of Science Louisiana Transfer degree program is to provide rigorous general education coursework coupled with related preparatory instruction in pre-defined discipline-specific tracks to allow seamless transition from the associate degree to the baccalaureate degree with maximization of credits awarded. The Associate of Science Louisiana Transfer degree will transfer as a total block rather than by individual course review.

The total credit hours required for the degree is 60, with 39 hours required in approved general education coursework and the remaining 21 credit hours consisting of pre-approved, discipline-specific coursework as preparatory coursework for continued studies in a related baccalaureate degree program. Students in the Associate of Science Louisiana Transfer Degree will follow the Physical Sciences concentration.

Advising and planning are key to a student’s success in maximizing the transfer experience. All students who might eventually transfer from SOWELA to a university should develop, with an advisor’s assistance, a written degree plan of courses to take for the transfer associate degree. Whenever possible, students should use the transfer degree requirements to satisfy the specific course requirements for the baccalaureate degree and major of the university to which they plan to transfer. This information is available through the university’s website linked to www.latransfer-degree.com

In summary, for students who complete the Associate of Science Louisiana Transfer Degree with the required grades, the degree guarantees:

- Admission to a 4-year Louisiana public university
- Junior-level standing
- Transfer of all 60 credit hours
- Completion of General Education block requirements at any Louisiana public university

Dean: Dr. Charles Stewart

Program Coordinator: Dorothy E. McCormick

Program Instructors: Alex Bell, Rebecca Bennett, Jonathan Byrd, Dr. Robert Caldwell, Todd Carrere, Lili Cheng, Lacey Couch, Dr. Mandy Creel, Dr. Joni Drost, Matthew Dye, Barbara Flowers, Jonathan Frantz, Katrina Freeman, Robert Groth, Lara Guidroz, Kristen S. Ison, Dr. Tyler Johnson, Dane Landry, Angela Madden, Dorothy E. McCormick, Paula McDonald, Hollie Nesmith, Dr. Lisa Quibodeaux, Dr. Michael Rather, Susan Shaffer, Sallie Shepherd, Dr. Paige Spencer, Dr. Charles Stewart, Ricky Titus, Dr. Bridget Whelan, Nicole Wiley.

(Continued from previous page)
Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 or better in all credits used to fulfill degree requirements. Further, students must earn a “C” or better in all coursework applied to the degree.

Program Learning Outcomes: Students who successfully compete the Associate of Arts Louisiana Transfer will be able to:
1. Write, read, and listen critically and effectively.
2. Use quantitative skills and the concepts and methods of mathematics to solve problems.
3. Understand and apply the concepts and methods of the natural sciences.
4. Understand and apply the concepts and methods of social sciences.
5. Will develop knowledge and understanding of history, the arts, and literature.

PHYSICAL SCIENCES CONCENTRATION

Below is a general outline for the concentration in Physical Sciences.

General Education Requirements (39 Credit Hours):
English Composition - 6 credit hours
Math/Analytical Reasoning - 6 credit hours
Fine Arts - 3 credit hours
Humanities - 9 credit hours
Natural Sciences - 9 credit hours
Social/Behavioral Sciences - 6 credit hours

Discipline Specific Courses (21 Credit Hours):
The remaining 21 credit hours are discipline-specific and should be selected as preparatory coursework for continued studies in a related baccalaureate degree program.

Associate of Science Louisiana Transfer Degree (ASLT) 60 Credit Hours
CIP Code: 240199
School: Transportation and Applied Technology

Program Description: The purpose of the Vehicle Maintenance & Repair Technology program is to provide specialized classroom instruction and practical shop experience to prepare individuals to engage in the servicing and maintenance of all types of automobiles. The program prepares the individual to select, safely use, and maintain hand and power tools, jacks, and hoisting equipment; provides instruction in the diagnosis of malfunctions and the repair of engines; instruction in the analysis of fuel, electrical, cooling, brake systems, drive train, and suspension systems are included. The competencies in the Vehicle Maintenance & Repair Technology program are closely correlated with the knowledge required to prepare an individual for the certification test given by the National Institute for Automotive Service Excellence (ASE). The content is organized into competency-based courses of instruction that specify occupational competencies that the individual must successfully complete according to the priorities for tasks established by the National Automotive Technicians Education Foundation (NATEF).

Dean: Mr. William Mayo

Program Coordinator: Lewis Williams

Program Instructors: Michael Bellow, Lewis Williams

Program Accreditation: National Automotive Technicians Education Foundation (NATEF)

Special Comments: A minimum grade of C is required in all Vehicle Maintenance & Repair Technology major-specific courses.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a certificate or diploma.

Program Learning Outcomes: Students who successfully complete the Vehicle Maintenance & Repair Technology Program will be able to:

1. Demonstrate the use of tools and equipment used in the automotive service industry.
2. Describe the theory of operation of automotive systems.
3. Diagnose and document component failures.
4. Inspect, adjust, repair or replace automotive components.
5. Locate manufacturer specific information.
6. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the automotive industry.
## VEHICLE MAINTENANCE & REPAIR TECHNOLOGY

### Diploma/Certificate Options

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMRE 1002</td>
<td>Introduction to Transportation Technology</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1102</td>
<td>Brakes Systems</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1202</td>
<td>Steering &amp; Suspension</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC Automotive Information Helper (9)</strong></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Automotive Concentration</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMRE 1402</td>
<td>Engine Repair</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1502</td>
<td>Automatic Transmission &amp; Transaxle</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1602</td>
<td>Fundamentals of Electricity</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1612</td>
<td>Advanced Electrical and Electronics</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1622</td>
<td>Manual Drive Train</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1802</td>
<td>Engine Performance I</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1812</td>
<td>Engine Performance II</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 2822</td>
<td>Engine Performance III</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Automotive Apprentice Subtotal (27)</strong></td>
<td></td>
<td></td>
<td>27</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Automotive Apprentice Total Hours (30)</strong></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>VMRE 1360</td>
<td>Light Diesel</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1702</td>
<td>HVAC</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 2002</td>
<td>Advanced Suspension, Steering &amp; Brakes</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 2012</td>
<td>Advanced Automatic and Manual Transmission</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 2402</td>
<td>Lube Tech G-1 Maintenance</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>TD – VEHICLE MAINTENANCE &amp; REPAIR Technology (52)</td>
<td></td>
<td></td>
<td></td>
<td>52</td>
</tr>
</tbody>
</table>

*CTS Automotive Apprentice Total Hours includes credit for VMRE 1002.*

CIP Code: 470600  
Total Clock Hrs: 1230
### VEHICLE MAINTENANCE & REPAIR TECHNOLOGY

**Diploma/Certificate Options**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMRE 1002</td>
<td>Introduction to Transportation Technology</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1102</td>
<td>Brakes Systems</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1202</td>
<td>Steering &amp; Suspension</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTC Automotive Information Helpers (9)</strong></td>
<td></td>
<td></td>
<td><strong>9</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Collision Concentration</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VMRE 1131</td>
<td>Identification &amp; Analysis</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 1141</td>
<td>Frame &amp; Body</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1220</td>
<td>Welding &amp; Cutting</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1230</td>
<td>Panel Replacement</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1320</td>
<td>Refinishing/Detailing</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1602</td>
<td>Fundamentals of Electricity</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 1702</td>
<td>HVAC</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 2111</td>
<td>Basic Metal Alignment &amp; Finish</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>VMRE 2121</td>
<td>Corrosion</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>CTS Collision Repair Apprentice Subtotal</strong></td>
<td></td>
<td></td>
<td><strong>31</strong></td>
</tr>
<tr>
<td></td>
<td>*CTS Collision Repair Total Hours (34)</td>
<td></td>
<td></td>
<td><strong>34</strong></td>
</tr>
<tr>
<td>VMRE 2130</td>
<td>Restraint Systems</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>VMRE 2140</td>
<td>Plastic Repair</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>VMRE 2230</td>
<td>Advanced Painting Techniques</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>VMRE 2331</td>
<td>Advanced Collision Repair</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>TD – VEHICLE MAINTENANCE &amp; REPAIR Technology (52)</strong></td>
<td></td>
<td></td>
<td><strong>52</strong></td>
</tr>
</tbody>
</table>

*CIP Code: 470600
Total Clock Hrs: 1230

*CTS Collision Repair Apprentice Total Hours includes credit for VMRE 1002.*
WELDING

School: Transportation and Applied Technology

Program Description: The purpose of the Welding program is to prepare individuals for employment in the field of welding. Instruction is provided in various processes and techniques of welding including oxy-fuel cutting, carbon arc cutting, shielded metal arc welding, gas tungsten arc welding, flux-cored arc welding, gas metal arc welding, pipe welding, plasma arc cutting, blueprint reading, weld symbols, and joints. After completion of this program, the student will have covered the skills designated by the American Welding Society (AWS) and will be prepared to take the AWS Entry Level Welder Test.

Dean: Mr. William Mayo

Program Coordinator: Jonathan Darbonne

Program Instructors: Jonathan Darbonne, Devin Richard, Eric Richmond (Morgan Smith Site), Travis Wheat (Oakdale Site).

Special Comments: A minimum grade of C is required in all Welding major-specific courses. This program is also offered at the Morgan Smith Site.

Overall Grade Point Average: Program requirements must be completed with an overall grade point average of 2.0 in order to receive a diploma or certificate.

Student Learning Outcomes: Students who successfully complete the Welding program will be able to:

1. Demonstrate fundamental proficiencies in the use of hand tools, portable, and power equipment.
2. Analyze drawings and specifications related to welding problems and jobs.
5. Perform a gas tungsten arc welding 6G pipe weld using ER70s-6 filler metal.
6. Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the welding industry.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELD 1110</td>
<td>Occupational Orientation &amp; Safety</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1120</td>
<td>Basic Blueprint, Metallurgy &amp; Weld Symbols</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1130</td>
<td>Welding Inspection and Testing</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1210</td>
<td>Oxyfuel Systems</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1310</td>
<td>Cutting Processes CAC/PAC</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>CTC – Arc Cutter Basic (9)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WELD 1410</td>
<td>SMAW - Basic Beads</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1411</td>
<td>SMAW - Fillet Weld</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1420</td>
<td>SMAW - V-Groove Open</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>WELD 1510</td>
<td>SMAW - Pipe 2G</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>WELD 1514</td>
<td>SMAW - 5G Downhill</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – SMAW Structural Welder (23)</strong></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>WELD 1515</td>
<td>SMAW - 6G Downhill</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>WELD 1516</td>
<td>SMAW - 5G Uphill</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>WELD 1517</td>
<td>SMAW - 6G Uphill</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – SMAW Pipe Welder (32)</strong></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>WELD 2210</td>
<td>GTAW - Multi-Joint</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>WELD 2220</td>
<td>GTAW - Pipe 5G</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>WELD 2221</td>
<td>GTAW - Pipe 2G</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>WELD 2222</td>
<td>GTAW - Pipe 6G</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>WELD 2230</td>
<td>GTAW - Aluminum Multi-Joint</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – SMAW, GTAW Combination Welder (46)</strong></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>WELD 2310</td>
<td>GMAW - Basic Fillet Weld</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 2311</td>
<td>GMAW - Groove Weld</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>WELD 2110</td>
<td>FCAW - Basic Fillet Welds</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>WELD 2111</td>
<td>FCAW - Groove Welds</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>CTS – SMAW, GTAW, GMAW, FCAW Combination Welder (53)</strong></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>WELD 2312</td>
<td>Basic Pipe &amp; Structural Fabrication</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>TD – Welding (56)</strong></td>
<td></td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

CIP Code: 480508
Total Clock Hrs: 1803
WORKFORCE SOLUTIONS UNIT

The Workforce Solutions Unit (WSU) at SOWELA focuses on providing educational and training opportunities beyond the scope of credit preparatory programs that award a degree, diploma, or certificate. This is in keeping with SOWELA’s mission statement and that of the WSU.

The mission of the Workforce Solutions Unit is to develop, design, support, and provide education and training programs and services that meet the specific needs of the employers, employees, and citizens in the communities we serve.

Workforce Solutions specializes in providing customized training programs, serving as the employer’s training consultant in order to meet the organization’s talent development needs.

David Hayes

Executive Director of Workforce Solutions

Judy McCleary,

Director of Business & Industry Services

Rosemary August,

Administrative Coordinator

Jonnika Boutte,

Support Coordinator

WSU Courses Offered:

- Industrial craft training
- Incumbent workforce development
- Hospitality services
- Customer service
- Computer skills
- Communication
- Business and technical writing
- General safety/OSHA 10 and 30
- Construction Industry/OSHA 10 and 30
- General Industry/Construction/maritime/Disaster Site - OSHA 10 Online
- American Heart Association Heartsaver & Basic Life Support
- And more...

Workforce Solutions is a full-service, highly adaptable program that exists to respond to the specific professional development needs of the private, public, and non-profit employers of Southwest Louisiana. In most cases, a training program can be developed and ready to deliver at any of SOWELA’s locations or at the employer’s site in less than one month.
CONTINUING EDUCATION

SOWELA provides a number of professional and personal education opportunities. Most of these courses are conducted for groups of individuals on an as-needed basis. Workforce Solutions is able to assist you in addressing:

- What training do you need?
- When and where do you need it?
- When can we get started?

GRANT FUNDED TRAINING

SOWELA serves as primary training provider for employers applying for the Incumbent Worker Training Program (IWTP). This grant provides a funding stream that pays for training of current employees in order to meet the needs of the changing workplace. In addition, SOWELA has experience with obtaining Workforce Innovation and Opportunity Act (WIOA) funds and Community Development Block Grant (CDBG) funds for various training courses.

GRADING SYSTEM

Students are evaluated by their instructors relative to the following factors: knowledge of course work, ethical behavior, safety, job performance, work attitudes, ability to follow instructions, ability to get along with others, attention to assignments, and pride in workmanship.

A final letter grade for a course is assigned by the instructor at the end of the semester. The grade indicates the success/failure of the student. If a student believes he/she has been assigned an incorrect letter grade for the course, the issue should be discussed with the course instructor.

Grading symbol designations are:

S: Satisfactory (Non-credit courses only).
U: Unsatisfactory (Non-credit courses only).
## HVAC TRAINING PROGRAM
### NCCER Curriculum
#### Level 1 and Level 2
Total Clock Hours 350

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Level 1</strong></td>
<td></td>
</tr>
<tr>
<td>Introduction to HVAC</td>
<td>7.5</td>
</tr>
<tr>
<td>Trade Mathematics</td>
<td>10</td>
</tr>
<tr>
<td>Basic Electricity</td>
<td>12.5</td>
</tr>
<tr>
<td>Introduction to Heating</td>
<td>15</td>
</tr>
<tr>
<td>Introduction to Cooling</td>
<td>30</td>
</tr>
<tr>
<td>Introduction to Air Distribution Systems</td>
<td>15</td>
</tr>
<tr>
<td>Basic Copper and Plastic Piping Practices</td>
<td>10</td>
</tr>
<tr>
<td>Soldering and Brazing</td>
<td>10</td>
</tr>
<tr>
<td>Basic Carbon Steel Piping Practices</td>
<td>10</td>
</tr>
<tr>
<td><strong>Level 2</strong></td>
<td></td>
</tr>
<tr>
<td>Alternating Current</td>
<td>7.5</td>
</tr>
<tr>
<td>Compressors</td>
<td>17.5</td>
</tr>
<tr>
<td>Refrigerants and Oils</td>
<td>12.5</td>
</tr>
<tr>
<td>Leak Detection, Evacuation, Recovery, and Charging</td>
<td>30</td>
</tr>
<tr>
<td>Metering Devices</td>
<td>7.5</td>
</tr>
<tr>
<td>Heat Pumps</td>
<td>20</td>
</tr>
<tr>
<td>Basic Maintenance</td>
<td>10</td>
</tr>
<tr>
<td>Chimneys, Vents, and Flues</td>
<td>5</td>
</tr>
<tr>
<td>Sheet Metal Duct Systems</td>
<td>10</td>
</tr>
<tr>
<td>Fiberglass and Fabric Duct Systems</td>
<td>7.5</td>
</tr>
<tr>
<td>Commercial Airside Systems</td>
<td>12.5</td>
</tr>
<tr>
<td>Air Quality Equipment</td>
<td>5</td>
</tr>
<tr>
<td>Introduction to Hydronic Systems</td>
<td>12.5</td>
</tr>
</tbody>
</table>
Air Quality Equipment (5 Hours)
Introduces the factors related to indoor air quality and human comfort. Equipment used to control humidity is presented in detail. Also covers air filtration materials and the introduction of outside air into the indoor environment.

Alternating Current (7.5 Hours)
Presents the basic concepts of alternating current generation and use. Discusses how single-and three-phase alternating current is used to power resistive and inductive circuits. Various types of transformers are identified. Basic operation of single- and three-phase motors is explained and the process of safely testing AC-powered devices.

Basic Carbon Steel Piping Practices (10 Hours)
Explains how to identify various carbon steel piping materials and fittings. The joining and installation of threaded and grooved carbon steel piping systems is covered, with detailed coverage of threading and grooving techniques included.

Basic Copper and Plastic Piping Practices (10 Hours)
Explains how to identify types of copper tubing and fittings used in the HVAC/R industry and how they are mechanically joined. The identification and application of various types of plastic piping, along with their common assembly and installation practices, are also presented.

Basic Electricity (12.5 Hours)
Introduces the concept of power generation and distribution, common electrical components, AC and DC circuits, and electrical safety as it relates to the HVAC field. Introduces reading and interpreting wiring diagrams.

Basic Maintenance (10 Hours)
Describes common tasks associated with basic maintenance. Specific tasks, such as lubrication and belt installation, are reviewed in detail. Provides detailed coverage on maintenance inspections of gas furnaces and common cooling/heat pump systems.

Commercial Airside Systems (12.5 Hours)
Introduces systems used in commercial structures such as schools and office buildings that are divided into comfort heating and cooling zones. Covers the various types of systems, as well as the air terminals and air source equipment used. Commonly used accessories are also covered.

(Continued on next page)
(Continued from previous page)

Chimneys, Vents, and Flues (5 Hours)
Covers the chimneys, vents, and flues that are used with fuel-burning furnaces and boilers.

Compressors (17.5 Hours)
Explains the operating principles of the different types of compressors used in comfort air conditioning and refrigeration systems, along with basic installation, service, and repair procedures.

Fiberglass and Fabric Duct Systems (7.5 Hours)
Reviews the application and methods of fabricating fiberglass duct systems. Installation guidelines and methods to repair damaged components. Concludes with fabric-based duct systems.

Heat Pumps (20 Hours)
Presents the operation of heat pump systems in detail with additional emphasis on electric resistance heating elements. Covers installation considerations of both split and packaged heat pump systems.

Introduction to Air Distribution Systems (15 Hours)
Describes the factors related to air movement and its measurement in common air distribution systems. The required mechanical equipment and materials used to create air distribution systems are also presented. Basic system design principles for both hot and cold climates are introduced.

Introduction to Cooling (30 Hours)
Explains the fundamental operating concepts of the refrigeration cycle and identifies both primary and secondary components found in typical HVAC/R systems. Common refrigerants are introduced as well. Describes the principles of heat transfer and the essential pressure-temperature relationships of refrigerants. Basic control concepts for simple systems are also introduced.

Introduction to Heating (15 Hours)
Covers the fundamentals of heating systems and the combustion process. The different types and designs of gas furnaces and their components, as well as basic procedures for their installation and service, is provided.

Introduction to Hydronic Systems (12.5 Hours)
Introduces hydronic heating systems, the fuels used to heat the water and the pumps that circulate the heated water.

(Continued on next page)
Introduction to HVAC (7.5 Hours)
Covers the basic principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed. Basic safety principles, as well as trade licensure and EPA guidelines, are also introduced.

Leak Detection, Evacuation, Recovery, and Charging (30 Hours)
Covers servicing of the refrigerant circuit of HVAC systems. The four essential service tasks—leak detection, evacuation, recovery, and charging—are covered in detail in addition to EPA’s requirements for providing these services.

Metering Devices (7.5 Hours)
Introduces metering devices used in the mechanical refrigeration cycle. Covers their primary function along with related components. Operation of capillary tube, fixed-orifice, and expansion-type metering devices is explored in addition to selecting and installing thermal expansion valves.

Refrigerants and Oils (12.5 Hours)
Discusses the refrigerants and oils used in modern refrigeration and air conditioning systems including new handling and service requirements.

Sheet Metal Duct Systems (10 Hours)
Covers the layout, fabrication, installation, and insulation of sheet metal duct systems. Also includes selection of registers, diffusers, dampers, and other duct accessories.

Soldering and Brazing (10 Hours)
Introduces the equipment, techniques, and materials used to safely join copper tubing through both soldering and brazing. The required PPE, preparation, and work processes are covered in detail. The procedures for brazing copper to dissimilar materials are also provided.

Trade Mathematics (10 Hours)
Explains how to solve HVAC/R trade-related problems involving the measurement of lines, area, volume, weights, angles, pressure, vacuum, and temperature. Also includes a review of scientific notation, powers, roots, and basic algebra and geometry.
MACHINE TOOL TECHNOLOGY
Basic Machinist Knowledge
Total Clock Hours 925

Course Title                                      Hours
Orientation & Safety Bench work                   140
Orientation & Safety Drill Press                  140
Orientation & Safety Lathe                        320
Orientation & Safety Mill                          280

COURSE DESCRIPTIONS

Orientation & Safety Bench work (140 Hours)
Use of Layout tools, precision measuring tools, hand tools, metals, and grinding wheels. Cut stock with hand and power hacksaws, and sharpen drill bits.

Orientation & Safety Drill Press (140 Hours)
Identifying types and uses of drill presses, parts, and controls. Learning proper use, speeds, and feeds, and drilling and tapping.

Orientation & Safety Lathe (320 Hours)
Identifying types of lathe, accessories, parts, and controls. Learning to face, turn, knurl, drill, bore, and proper feeds and speeds.

Orientation & Safety Mill (280 Hours)
Identifying types of milling machines, accessories, parts, and controls. Learning to mill to length, squaring parts, milling basic milling setups, associated cutting tool, and calculate proper feeds and speeds.
# MILLWRIGHT TRAINING PROGRAM
## NCCER Curriculum
**Total Clock Hours 772.5**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation to the Trade</td>
<td>5</td>
</tr>
<tr>
<td>Millwright Hand Tools</td>
<td>15</td>
</tr>
<tr>
<td>Fasteners and Anchors</td>
<td>10</td>
</tr>
<tr>
<td>Basic Layout</td>
<td>20</td>
</tr>
<tr>
<td>Gaskets and O-Rings</td>
<td>10</td>
</tr>
<tr>
<td>Oxyfuel Cutting</td>
<td>15</td>
</tr>
<tr>
<td><strong>Millwright  Level 1</strong></td>
<td><strong>147.5</strong></td>
</tr>
<tr>
<td>Intermediate Trade Math</td>
<td>20</td>
</tr>
<tr>
<td>Field Sketching</td>
<td>10</td>
</tr>
<tr>
<td>Intermediate Blueprint Reading</td>
<td>20</td>
</tr>
<tr>
<td>Specialty Tools</td>
<td>10</td>
</tr>
<tr>
<td>Millwright Power Tools</td>
<td>20</td>
</tr>
<tr>
<td><strong>Millwright  Level 2</strong></td>
<td><strong>150</strong></td>
</tr>
<tr>
<td>Advanced Trade Math</td>
<td>20</td>
</tr>
<tr>
<td>Precision Measuring Tools</td>
<td>20</td>
</tr>
<tr>
<td>Installing Packing</td>
<td>10</td>
</tr>
<tr>
<td>Installing Seals</td>
<td>5</td>
</tr>
<tr>
<td>Installing Mechanical Seals</td>
<td>20</td>
</tr>
<tr>
<td>Removing and Installing Bearings</td>
<td>20</td>
</tr>
<tr>
<td>Couplings</td>
<td>15</td>
</tr>
<tr>
<td>Fabricating Shims</td>
<td>5</td>
</tr>
<tr>
<td>Alignment Fixtures and Specialty Jigs</td>
<td>10</td>
</tr>
<tr>
<td>Pre alignment for Equipment Installation</td>
<td>15</td>
</tr>
<tr>
<td>Installing Belt and Chain Drives</td>
<td>10</td>
</tr>
<tr>
<td>Installing Fans and Blowers</td>
<td>0</td>
</tr>
<tr>
<td><strong>Millwright  Level 3</strong></td>
<td><strong>160</strong></td>
</tr>
<tr>
<td>Conveyors</td>
<td>5</td>
</tr>
<tr>
<td>Troubleshooting and Repairing Conveyors</td>
<td>12.5</td>
</tr>
<tr>
<td>Conventional Alignment</td>
<td>30</td>
</tr>
<tr>
<td>Pumps</td>
<td>20</td>
</tr>
<tr>
<td>Troubleshooting and Repairing Pumps</td>
<td>7.5</td>
</tr>
<tr>
<td>Compressors and Compressor Maintenance</td>
<td>20</td>
</tr>
</tbody>
</table>

(Continued on next page)
Basic Pneumatic Systems 7.5  
Troubleshooting and Repairing Pneumatic Equipment 10  
Basic Hydraulic Systems 10  
Troubleshooting and Repairing Hydraulic Equipment 7.5  
Troubleshooting and Repairing Gearboxes 20

**Millwright Level 4** 150

Reverse Alignment 30  
Laser Alignment 25  
Advanced Blueprint Reading 25  
Optical Alignment 25  
Turbines 20  
Maintaining and Repairing Turbine Components 15  
Installing Electric Motors 10  
Preventive and Predictive Maintenance 10  
Vibration Analysis 5

**Millwright Level 5** 165
Advanced Blueprint Reading (25 Hours)
Describes the use of drawing sets to obtain information about a system. Explains the process of identifying a part of a machine for repair or replacement from a set of drawings.

Advanced Trade Math (20 Hours)
Explains right triangle trigonometry and its use in the trade. Also covers interpolation, equilateral and isosceles triangles, and the laws of acute triangles.

Alignment Fixtures and Specialty Jigs (10 Hours)
Explains the applications and fabrication procedures for angle iron, chain, complex reverse indicator, Christmas tree, and piano wire jigs.

Basic Hydraulic Systems (10 Hours)
Describes principles and types of hydraulic equipment related safety procedures. Describes application of hydraulic equipment.

Basic Pneumatic Systems (7.5 Hours)
Explains pneumatic system components and compressed-air treatment. Introduces equipment auxiliary and special-application equipment used with compressors and with tools.

Basic Layout (20 Hours)
Discusses the tools used in layout. Explains how to lay out baselines using the arc method and 3-4-5 method.

Conventional Alignment (30 Hours)
Explains the procedures involved in aligning shafts, first with straight edge and feeler gauges, then with dial indicators.

Conveyors (5 Hours)
Describes conveyor systems and their principles of operation.

Couplings (15 Hours)
Identifies types of couplings and covers installation procedures using the press-fit method and the interference-fit method. Also covers coupling removal procedures.

Fasteners and Anchors (10 Hours)
Identifies fasteners and anchors used by millwrights, including their applications and installation procedures.

(Continued on next page)
Fabricating Shims (5 Hours)
Describes types of shim stock and materials and explains the procedures for fabricating shims.

Field Sketching (10 Hours)
Teaches the basic skills needed to make a good field sketch to convey information about how parts should be made or assembled.

Gaskets and O-Rings (10 Hours)
Describes gaskets and O-rings and their applications. Provides instructions for lying out, cutting, and installing gaskets.

Installing Belt and Chain Drives (10 Hours)
Covers the sizes, uses, and installation procedures of six types of drive belts and two types of chain drives.

Installing Electric Motors (10 Hours)
Describes different types of electric motors, and presents basic guidelines for the installation of motors.

Installing Fans and Blowers
Explains how to install axial-flow fans, centrifugal fans, and roots-type and screw-type blowers.

Installing Mechanical Seals (20 Hours)
Covers the function and advantages of mechanical seals, identifies parts and types of seals, and includes procedures for removing, inspecting, and installing mechanical seals.

Installing Packing (10 Hours)
Explains the types of packing and packing materials found in a typical stuffing box. Covers how to remove packing and how to install compression packing and lip-type packing.

Installing Seals (5 Hours)
Covers the applications, removal, and installation procedures for dynamic and static seals, and lip, up, oil, and labyrinth seals.

Intermediate Blueprint Reading (20 Hours)
Explains orthographic projection, isometric, and schematic drawings used to show piping, hydraulic, and pneumatic systems.
Intermediate Trade Math (20 Hours)
Explains how to use tables of equivalents and conversion tables, figure ratios and proportions, perform right angle trigonometry, calculate takeout’s using trigonometry, and calculate volumes and weights of objects.

Laser Alignment (25 Hours)
Using one example system, describes the principles of using laser alignment systems to perform alignments.

Maintaining and Repairing Turbine Components (15 Hours)
Describes the process of inspecting and repairing key components of turbines. Explains the guidelines for maintaining large steam turbines.

Millwright Hand Tools (15 Hours)
Introduces hand tools used by millwrights. Explains hand tool safety and covers the methods for selecting, inspecting, using, and maintaining these tools.

Millwright Power Tools (20 Hours)
Introduces power tools used by millwrights and procedures for using, caring for, and maintaining these tools.

Optical Alignment (25 Hours)
Explains how to use theodolites, optical levels, auto levels, and total stations to place and align equipment.

Orientation to the Trade (5 Hours)
Presents the history of the trade and discusses career paths for millwrights. Describes environments and types of work associated with the millwright trade.

Oxyfuel Cutting (15 Hours)
Explains the safety requirements for oxyfuel cutting. Identifies oxyfuel cutting equipment and provides instructions for setting up, lighting, and using the equipment. Describes how to perform straight line cutting, piercing, beveling, washing, and gouging.

Pre alignment for Equipment Installation (15 Hours)
Explains how to level equipment using jack bolts, wedges, and shims. Covers precision leveling procedures and performing clearance installation. Also describes basic steps for setting motors and pumps.
Precision Measuring Tools (20 Hours)
Explains how to select, inspect, use and care for levels, calipers, micrometers, height gauges and surface plates, dial indicators, protractors, parallels and gauge blocks, trammels, and pyrometers.

Preventive and Predictive Maintenance (10 Hours)
Explains preventive and predictive maintenance programs. Provides information on nondestructive testing, and introduces the basic techniques for NDE. Lubricant analysis, and acoustic, infrared, and vibration testing are also discussed.

Pumps (20 Hours)
Describes common pumps and their principles of operation. Explains centrifugal, rotary, reciprocating and metering pumps. Describes net positive suction head and cavitation.

Removing and Installing Bearings (20 Hours)
Explains how to remove, troubleshoot, and install tapered, thrust, spherical roller, pillow block, and angular contact ball bearings.

Reverse Alignment (30 Hours)
Describes preparation for dial indicator reverse alignment, and explains the procedures for setting up reverse alignment jigs. Explains graphic and mathematical techniques for aligning equipment, based on reverse dial indicator measurements.

Specialty Tools (10 Hours)
Explains how to select, inspect, and maintain torque multipliers, cable cutters, nut splitters, key seat rules, zero-to-one micrometers, and various gauges.

Troubleshooting and Repairing Conveyors (12.5 Hours)
Describes maintaining and repairing belt, roller, chain, screw, and pneumatic conveyors.

Troubleshooting and Repairing Gearboxes (20 Hours)
Describes types and operation of gearboxes, and gearbox diagnostics. Explains how to troubleshoot, remove, and disassemble gearboxes, how to identify gear wear patterns, and how to install and maintain gearboxes.

Troubleshooting and Repairing Hydraulic Equipment (7.5 Hours)
Explains inspecting hydraulic system, diagnosing problems, and repairing systems. Shows how to read hydraulic schematic symbols.

(Continued on next page)
Troubleshooting and Repairing Pneumatic Equipment (10 Hours)
Explains repair and maintenance of pneumatic system components. Describes troubleshooting process and methods, including pressure sensors and flow sensors.

Troubleshooting and Repairing Pumps (7.5 Hours)
Describes inspecting, troubleshooting, assembling and disassembling pumps. Explains installing pumps, and preparing them for startup. Discusses shutdown, repair, and removal of pumps from the system.

Turbines (20 Hours)
Describes types of turbines and their components. Describes the operation and common applications of particular types, including gas, steam, and water turbines.

Vibration Analysis (5 Hours)
Explains the causes of vibration and the procedures and types of equipment used in vibration analysis. Describes the equipment used for vibration testing and monitoring; describes field machine balancing.
# NCCER CORE CURRICULUM

Total Clock Hours 72.5

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Safety</td>
<td>12.5</td>
</tr>
<tr>
<td>Introduction to Construction Math</td>
<td>10</td>
</tr>
<tr>
<td>Introduction to Hand Tools</td>
<td>10</td>
</tr>
<tr>
<td>Introduction to Power Tools</td>
<td>10</td>
</tr>
<tr>
<td>Introduction to Construction Drawings</td>
<td>10</td>
</tr>
<tr>
<td>Introduction to Basic Rigging</td>
<td>7.5</td>
</tr>
<tr>
<td>Basic Communication Skills</td>
<td>7.5</td>
</tr>
<tr>
<td>Basic Employability</td>
<td>7.5</td>
</tr>
<tr>
<td>Introduction to Material Handling</td>
<td>5</td>
</tr>
</tbody>
</table>

## COURSE DESCRIPTIONS

**Basic Communication Skills (7.5 Hours)**
Provides good techniques for effective communication on the job. Includes examples that emphasize the importance of both written and verbal communication skills. Describes the importance of reading skills in the construction industry and covers proper techniques to use in a variety of different written communication formats.

**Basic Employability Skills (7.5 Hours)**
Describes the opportunities offered by the construction trades. Discusses critical thinking and essential problem-solving skills for the construction industry. Also identifies and discusses positive social skills and their value in the workplace.

**Basic Safety (12.5 Hours)**
Presents basic jobsite safety information to prepare workers for the construction environment. Describes the common causes of workplace incidents and accidents and how to avoid them. Introduces common PPE, including equipment required for work at height, and its proper use. Information related to safety in several specific environments, including welding areas and confined spaces, is also provided.

**Introduction to Basic Rigging (7.5 Elective Hours)**
Provides basic information related to rigging and rigging hardware, such as slings, rigging hitches, and hoists. Emphasizes safe working habits in the vicinity of rigging operations.

(Continued on next page)
Introduction to Construction Drawings (10 Hours)
Introduces the basic elements of construction drawings. The common components of drawings are presented, as well as the most common drawing types. The use of drawing scales and how to measure drawings is also covered.

Introduction to Construction Math (10 Hours)
Reviews basic math skills related to the construction trades and demonstrates how they apply to the trades. Covers multiple systems of measurement, decimals, fractions, and basic geometry.

Introduction to Hand Tools (10 Hours)
Introduces common hand tools used in a variety of construction crafts. Identifies tools and how to safely use them. Proper hand tool maintenance is also presented.

Introduction to Material Handling (5 Hours)
Describes the hazards associated with handling materials and provides techniques to avoid both injury and property damage. Common material-handling equipment is also introduced.

Introduction to Power Tools (10 Hours)
Identifies and describes the operation of many power tools common in the construction environment. Provides instruction on proper use, as well as on safe-handling guidelines and basic maintenance.
Nondestructive testing (NDT) is the process of inspecting, testing, or evaluating materials, components, or assemblies for discontinuities or differences in characteristics without destroying the serviceability of the part or system. In other words, when the inspection or test is completed, the part can still be used.

In contrast to NDT, other tests are destructive in nature and are therefore done on a limited number of samples ("lot sampling"), rather than on materials, components, or assemblies actually being put into service.

These destructive tests are often used to determine the physical properties of materials such as impact resistance, ductility, yield and ultimate tensile strength, fracture toughness and fatigue strength, but discontinuities and differences in material characteristics are more effectively found by NDT.

Today, modern nondestructive tests are used in manufacturing, fabrication, and in-service inspections to ensure product integrity and reliability, to control manufacturing processes, lower production costs, and to maintain a uniform quality level. During construction, NDT is used to ensure the quality of materials and joining processes during the fabrication and erection phases, and in-service NDT inspections are used to ensure that the products in use continue to have the integrity necessary to ensure their usefulness and the safety of the public.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA 10</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Introduction to NDT</td>
<td>24</td>
<td>0</td>
<td>24</td>
</tr>
<tr>
<td>Visual Testing</td>
<td>24</td>
<td>16</td>
<td>40</td>
</tr>
<tr>
<td>Liquid Penetrant Level I &amp; II</td>
<td>12</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>Magnetic Particle Level I &amp; II</td>
<td>20</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>Blueprint Reading</td>
<td>6</td>
<td>26</td>
<td>32</td>
</tr>
<tr>
<td>Radiographic Test Level I &amp; II</td>
<td>80</td>
<td>40</td>
<td>120</td>
</tr>
<tr>
<td>Film Interpretation</td>
<td>0</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Radiation Safety</td>
<td>40</td>
<td>0</td>
<td>40</td>
</tr>
<tr>
<td>Mandatory State Safety Test</td>
<td>0</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Ultrasonic Testing Level I &amp; II</td>
<td>80</td>
<td>40</td>
<td>120</td>
</tr>
<tr>
<td>ISO Drawings</td>
<td>6</td>
<td>26</td>
<td>32</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>292</strong></td>
<td><strong>220</strong></td>
<td><strong>512</strong></td>
</tr>
</tbody>
</table>
The CDL Class A license training program is a comprehensive 245-hour classroom and behind-the-wheel program. The training covers DOT rules and regulations, pre-trip inspection, backing pad skills, and on-the-road skills. The final skills test necessary to receive a state license is administered by state-approved examiners.

Students are trained on manual-speed transmission tractors; 28’, 48’, 53’-foot dry vans, to earn their CDL license.

Applicants for Truck Driver Training must obtain a formal application. The applicant must meet all state and federal requirements for a Class A license and hold a current valid PA Driver’s License. Students must also obtain a current medical examiner’s certificate in accordance with FMCSR (49CFR 382, 383, 384, 390, 391), which must be administered by a certified D.O.T. physician and pass a controlled substance test. An acceptable motor vehicle and criminal background check are also required for acceptance into the program.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Systems</td>
<td>Special Rigs</td>
</tr>
<tr>
<td>Vehicle Systems</td>
<td>Preventative Maintenance</td>
</tr>
<tr>
<td>Vehicle Inspection</td>
<td>Diagnose/Report Malfunctions</td>
</tr>
<tr>
<td>Basic Control</td>
<td>Handling Cargo</td>
</tr>
<tr>
<td>Shifting</td>
<td>Cargo Documentation</td>
</tr>
<tr>
<td>Backing</td>
<td>Hazardous Materials</td>
</tr>
<tr>
<td>Coupling/Uncoupling</td>
<td>Hours of Service</td>
</tr>
<tr>
<td>Visual Search</td>
<td>International Driving</td>
</tr>
<tr>
<td>Communication</td>
<td>Trip Planning</td>
</tr>
<tr>
<td>Speed Management</td>
<td>Accident Procedures</td>
</tr>
<tr>
<td>Space Management</td>
<td>Security of Driver, Cargo, and Truck</td>
</tr>
<tr>
<td>Night Driving</td>
<td>Personal Health and Safety</td>
</tr>
<tr>
<td>Extreme Driving Conditions</td>
<td>Public/Employer Relations</td>
</tr>
<tr>
<td>Hazard Perception</td>
<td>Basic Business Practice</td>
</tr>
<tr>
<td>Railroad Crossings</td>
<td>CSA</td>
</tr>
<tr>
<td>Emergency Maneuvers</td>
<td>Federal Regulations</td>
</tr>
<tr>
<td>Skid Control &amp; Recovery</td>
<td>155 Average Hours</td>
</tr>
<tr>
<td>Hands on Training</td>
<td>Road and City Driving</td>
</tr>
<tr>
<td>Pre-Trip Inspection</td>
<td></td>
</tr>
<tr>
<td>Backing Skills</td>
<td></td>
</tr>
</tbody>
</table>

230
ACCT 1110. Fundamentals of Accounting  
Lecture 3, Lab 0, Credit 3  
Introduction to bookkeeping with an emphasis on the main processes and concepts involved in accounting for sole proprietorships and merchandising businesses.

ACCT 1120. Bookkeeping Applications  
Lecture 3, Lab 0, Credit 3  
Practical application of bookkeeping concepts and processes to the accounting cycle for service and merchandising businesses through the completion of practice projects. Prerequisite: ACCT 1110. (WE)

ACCT 1150. Federal Income Tax  
Lecture 3, Lab 0, Credit 3  
Principles and practices relating to income tax returns for individuals. Special attention is given to tax planning, withholding allowances, and itemized deductions. Prerequisite: ACCT 1110 or Special Approval. [LCCN: CACC 2613]

ACCT 1210. Computerized Accounting I  
Lecture 3, Lab 0, Credit 3  
Basic accounting principles utilizing the application of a current computerized accounting package which includes setting up the accounting system, recording routine transactions, preparing financial statements, and completing the year-end operations. Prerequisite: ACCT 1110 or Special Approval. [LCCN: CACC 2413] (WE)

ACCT 1250. Payroll Accounting  
Lecture 3, Lab 0, Credit 3  
Accounting principles and procedures relating to payroll accounting, including the required payroll and personnel records and reports; computation and payment of wages and salaries, social security taxes, income tax withholding; unemployment compensation taxes; and analysis and recording of payroll transactions. Prerequisite: ACCT 1110 or Special Approval. [LCCN: CACC 2513] (WE)

ACCT 2030. Financial Accounting  
Lecture 3, Lab 0, Credit 3  
Introduction to financial accounting concepts with an emphasis on corporate financial analysis, the use of analysis in decision-making, and the preparation of financial statements. Prerequisites: “C” or better in ACCT 1110. [LCCN: CACC 2113]

ACCT 2040. Managerial Accounting  
Lecture 3, Lab 0, Credit 3  
Introduction to managerial accounting theory and concepts with an emphasis on techniques used to analyze data and provide information for management decisions. Prerequisite: ACCT 2030 or Special Approval. [LCCN: CACC 2213]

ACCT 2995. Internship  
Lecture 0, Lab 3, Credit 3  
This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval.

ACCT 2996. Special Projects  
Lecture 3, Lab 0, Credit 3  
A course designed for the student who has demonstrated specific special needs. Prerequisite: Special Approval.

ACNA 1110. Introduction to Health Care  
Lecture 2, Lab 0, Credit 2  
The student learns to establish a safe and supportive environment for the patient/resident/client through ethical and legal responsibilities, effective communication, observational skills, safety issues (including fire safety), infection control, CPR, and personal hygiene and grooming practices.

ACNA 1120. Basic Body Structure and Function  
Lecture 2, Lab 0, Credit 2  
This course covers identification of the organs, systems, basic functions of the human body and disorders as it relates to each system with medical terminology integrated with each.
ACNA 1160. Professionalism for Health Care Providers  
*Lecture 2, Lab 0, Credit 2*  
This course assists the student in identifying and performing skills necessary to secure employment in the health care industry and make immediate and future decisions regarding job choices and educational growth.

AMTA 2000. Aircraft Fuel Systems  
*Lecture 1, Lab 1, Credit 2*

The study of the installation, inspection, maintenance, removal, overhaul, repair, and service of airframe and engine fuel systems, which also includes troubleshooting of fuel pressure and temperature warning systems, valves, and fuel pumps.

AMTA 2010. Wood Structures and Covering  
*Lecture .5, Lab .5, Credit 1*

A study of the wooden structures and the organic/inorganic fabrics that cover these structures. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2020. Aircraft Finishes  
*Lecture .5, Lab .5, Credit 1*

A study of the selection, application, and subsequent inspection of aircraft finishes and trim. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090. *(WE)*

AMTA 2030. Sheet Metal  
*Lecture 2, Lab 2, Credit 4*

A study which involves the bending, forming, riveting, and inspecting of aircraft metallic structures made of aluminum sheets. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2040. Composites  
*Lecture 1, Lab 1, Credit 2*

A study of the various forms of nonmetallic structures that includes the inspection of these structures. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2050. Welding  
*Lecture .5, Lab .5, Credit 1*

An introductory course to the science and methodology of welding, brazing, and soldering of materials used in the construction of aircraft. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2060. Assembly and Rigging  
*Lecture 1, Lab 1, Credit 2*

A course of study detailing the assembly of primary and secondary flight controls and the subsequent rigging of these controls. Both fixed and rotary wing aircraft are addressed. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2070. Hydraulics and Pneumatics  
*Lecture 1, Lab 1, Credit 2*

A study of the aircraft’s hydraulic and pneumatic systems and the associated components. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTA 2080. Landing Gear and Position/Warning System  
*Lecture 1, Lab 1, Credit 2*

A study of both large and small aircraft landing gear systems and their associated components. The course also includes the position indicating and warning system for retractable landing gear, as well as stall warning and other P&W systems. Prerequisites: AMTG 1010, AMTG 1020, AMTG 234
1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2090. Aircraft Electrical Systems**  
*Lecture 2, Lab 2, Credit 4*

A course involving the installation, checking, servicing, and repairing of electrical wiring, controls, switches, indicators, components, and circuit protective devices. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2100. Aircraft Instruments**  
*Lecture .5, Lab .5, Credit 1*

A course of study on aircraft flight instruments that includes principles of operation, purpose, removals, installations, and system integration. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2110. Communication and Navigation System**  
*Lecture .5, Lab .5, Credit 1*

A study of the communication and navigation systems found on both general aviation and air carrier aircraft. Topics include autopilots, VHF and UHF radios, pulse systems, radar, antenna placement, and equipment installations. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2120. Cabin Atmosphere**  
*Lecture .5, Lab .5, Credit 1*

A course involving the principles of operation, servicing, inspecting, removing, installing, checking, troubleshooting, and repairing heating, cooling, air conditioning, pressurization, and oxygen systems. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2130. Ice and Rain**  
*Lecture .5, Lab .5, Credit 1*

A study of airborne systems to control the formation and removal of structural ice and rain. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTA 2140. Airframe Inspection**  
*Lecture .5, Lab .5, Credit 1*

A course of study which allows the student to utilize previous studies in performing airframe conformity and airworthiness inspections. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

**AMTG 1010. Aircraft Math and Physics**  
*Lecture 1, Lab 1, Credit 2*

A basic course involving the fundamentals of mathematics, physics, and aerodynamics and their relationship to aircraft maintenance.

**AMTG 1020. Aircraft Drawings**  
*Lecture .5, Lab .5, Credit 1*

A basic course covering the fundamentals of aircraft drawings, sketches, blueprints, graphs, and charts.

**AMTG 1030. Ground Operation and Servicing**  
*Lecture .5, Lab .5, Credit 1*

A course of study which prepares the student for basic flight line duties such as fueling, directing, securing, taxiing, and providing fire suppression for airplanes and helicopters.

**AMTG 1040. Materials and Processes**  
*Lecture 1, Lab 1, Credit 2*

A study in the use of precision measuring tools, the identification of aircraft hardware and materials, nondestructive testing methods, inspection of welded structures, and basic heat-treating processes. (WE)
AMTG 1050. Fluid Lines and Fittings  
*Lecture .5, Lab .5, Credit 1*  
A course covering the fabrications, installation, and inspection of flexible and rigid fluid lines.

AMTG 1060. Cleaning and Corrosion Control  
*Lecture .5, Lab .5, Credit 1*  
A course covering the selection of cleaning materials and cleaning of aircraft and the inspection, identification, removal, and treatment of aircraft corrosion.

AMTG 1070. Weight and Balance  
*Lecture 1, Lab 1, Credit 2*  
A course of study that includes solving weight and balance problems, computing forward and aft-loaded center of gravity limits, equipment changes, loading schedules, helicopter weight and balance and examining weight and balance records.

AMTG 1080. Documents and Regulations  
*Lecture 1, Lab 1, Credit 2*  
The study and application of FAA and manufacture maintenance computerized publications, mechanic privileges and limitations, and maintenance forms and records.

AMTG 1090. Basic Electricity  
*Lecture 2, Lab 1, Credit 3*  
A basic course covering the relationship, measurement, and the calculation of voltage, current resistance, continuity and power in DC circuits, as well as the calculation of power, capacitance, resistance, and inductance in AC circuits. The inspection, servicing, and theory of operation of the different types of aircraft electrical systems are also discussed.

AMTP 2200. Aircraft and Engine Fire Protection  
*Lecture .5, Lab .5, Credit 1*  
A study in the operation and inspection of smoke and carbon monoxide detection systems, engine fire detection, and extinguishing systems.

AMTP 2210. Reciprocating Engines  
*Lecture 2, Lab 3, Credit 5*  
A study of the overhaul, repair, inspection, and troubleshooting of both opposed and radial reciprocating engines. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2220. Turbine Engines and APU  
*Lecture 2, Lab 1, Credit 3*  
A study of the theory, design, construction, installation, repair, and operation of the turbine engines and turbine powered APU. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090. (WE)

AMTP 2230. Induction and Engine Airflow Systems  
*Lecture .5, Lab .5, Credit 1*  
A course of study involving both turbine and reciprocating engine induction and airflow systems. Topics include ice/rain protection, heat exchangers, turbo chargers, filters, and intake manifolds.

AMTP 2240. Exhaust (Reverser) and Cooling Systems  
*Lecture .5, Lab .5, Credit 1*  
A course of study, in which both reciprocating and turbine exhaust and cooling systems are inspected, serviced, checked, and repaired. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.
AMTP 2250. Lubrication Systems  
*Lecture .5, Lab .5, Credit 1*

A study of the lubrication systems of both turbine and reciprocating engines. Topics include identification and selection of lubricants, and the repair, inspection, and troubleshooting of the system. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2260. Engine Electrical Systems  
*Lecture 2, Lab 1, Credit 3*

A course of study involving the installation, checking, servicing, and repairing of electrical components, wiring, controls, switches, indicators, and protective devices found on engine electrical systems. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2270. Engine Instruments  
*Lecture .5, Lab .5, Credit 1*

A study of the instrumentation used in monitoring both reciprocating and turbine engine performance. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2280. Ignition and Starting Systems  
*Lecture 1, Lab 1, Credit 2*

A course of study in the repair, servicing, and troubleshooting of both reciprocating and turbine engine ignition and starting systems. Topics include magnetos, ignition leads, spark plugs/igniters, and electrical/pneumatic starters. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090. (WE)

AMTP 2290. Fuel Metering Systems  
*Lecture 2, Lab 1, Credit 3*

A study of the fuel metering systems of both reciprocating and turbine engines. Topics include the inspection, repairing, servicing, and troubleshooting of these systems. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2300. Propellers and Rotors  
*Lecture 2, Lab 1, Credit 3*

A study of propellers, helicopter rotors, and their related systems, including maintenance, inspections, modifications, and overhaul techniques and practices. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

AMTP 2310. Engine Inspection  
*Lecture .5, Lab .5, Credit 1*

A course of study that allows the student to use previous studies to perform engine conformity and airworthiness inspections. Prerequisites: AMTG 1010, AMTG 1020, AMTG 1030, AMTG 1040, AMTG 1050, AMTG 1060, AMTG 1070, AMTG 1080, AMTG 1090.

ANTH 2010. Cultural Anthropology  
*Lecture 3, Lab 0, Credit 3*

Explore the diversity of human cultures; examine patterns of culture including social organization and subsistence, communication, human individuality, law, ethnicity and racism, religion, beliefs and values. [LCCN: CATR 2013]

ANUR 1040. PN Anatomy & Physiology  
*Lecture 5, Lab 0, Credit 5*

This course presents a study of the structure and function of the human body systems to include cells/tissues/membranes, skeletal, muscular, circulatory, lymphatic, digestive, respiratory, urinary, reproductive, endocrine, nervous, sensory and integumentary systems. Medical terms and commonly used medical/nursing abbreviations related to each body system are addressed in detail in this course.
Prerequisites: Admission to the nursing program; eligibility to enroll in college level courses. May receive advance standing for ANUR 1040 if the student has successfully completed BIOL 2253 and BIOL 2263 with a final grade of B or higher.

ANUR 1233. Nursing Fundamentals I
Lecture 3, Lab 1, Credit 4

This course provides an introductory survey of the major issues in adult development and aging changes, cognitive changes, and disease factors; along with the physiological, psychosocial, sociocultural, and spiritual needs of clients in various health care environments. The student is introduced to the basic concepts of the adult population including measurements of physiological statistics and documentation of these findings, basic nutritional intake/output, proper use of body mechanics, bed-making, and infection control. Omnibus Budget Reconciliation Act (OBRA) guidelines are presented as application of the nursing process in the management of clients with health alterations. Supervised lab experiences that focus on providing basic nursing skills are emphasized in identifying internal and external stressors and adaptive responses that adult clients experience in the maintenance or promotion of health. Health care environments utilized include long term care facilities, skilled nursing facilities, and acute care settings. This course includes a 20-hour skills lab experience and a 40-hour clinical component. Prerequisites: Admission to the nursing program; and testing prerequisite of ACT score of Reading 13, Next Gen. ACCUPLACER Reading score of 250, or ACCUPLACER Reading score of 51 is required.

Note: Students who wish to articulate to the Practical Nursing Program must meet LSBPNE admission requirements. Students must pass both the theory and clinical components of this course with at least an 80% in each component to successfully complete the course and articulate to the Practical Nursing Program.

If students do not wish to articulate to the Practical Nursing Program, they must meet the admission requirements for the Nurse Assistant program and complete both the theory and clinical components of this course with at least a 70% in each component.

ANUR 1240. Nursing Fundamentals II
Lecture 3, Lab 1, Credit 4

This course provides further detail of the major issues in adult development and aging including biological influences, aging changes, cognitive changes, and disease factors; along with the physiological, psychosocial, sociocultural, and spiritual needs of clients in various health care environments. The student is introduced to additional concepts of the adult population including more detailed areas of physical assessment, urinary catheterization, monitoring of blood glucose levels, wound care with dressing changes, application of hot and cold treatments, and documentation of these findings. Principles of admitting, transferring, reporting, and discharging procedures of clients are discussed. The application of the nursing process and the development of critical thinking skills of the novice nurse practices will be incorporated. Supervised lab experiences that focus on providing more advanced nursing skills are emphasized in identifying internal and external stressors and adaptive responses that adult clients experience in the maintenance or promotion of health. This course includes a 30-hour clinical component. Prerequisites: Admission to the nursing program; eligibility to enroll in college level courses. (WE)

ANUR 1350. Introduction to Health Care
Lecture 4, Lab 0, Credit 4

This course includes the discussion of the concepts of health, health maintenance, and hu-
human development throughout the life cycle. The effects of stress and related defense or coping mechanisms are introduced along with the use of therapeutic communication. The course identifies trends in health care and local, state, and national health resources available for the maintenance of health. Students learn about the role of the practical nurse and the history of practical nursing education, necessary vocational adjustments, and the Louisiana State Board of Practical Nurse Examiners. Legal, ethical and cultural issues relevant to client care are addressed. In order to be successful in this course it is necessary that the student possess basic computer skills. Prerequisites: Admission to the nursing program; eligibility to enroll in college level courses.

ANUR 1450. Basic Pharmacology
Lecture 4, Lab 0, Credit 4

This course provides information on pharmacology that is essential for accurately calculating dosages and understanding drug orders and labels. Students learn to recognize common abbreviations and to select correct dosages for medication administration. Critical thinking skills are applied to medication situations, emphasizing the importance of accuracy and the prevention of medication errors. Students will learn procedures for oral, intramuscular, enteral, parental, topical, and instillation administration routes/methods. Safety precautions, guidelines, and documentation will also be emphasized. Prerequisites: ANUR 1040, ANUR 1233, ANUR 1240, ANUR 1350.

ANUR 2110. Medical/Surgical Nursing Concepts I
Lecture 6, Lab 0, Credit 6

Nursing theory related to the care of the preoperative client and the adult medical/surgical client experiencing alterations in respiratory, neurological and gastrointestinal functions are presented. Principles of fluid and electrolytes balance are discussed. Diet therapy and pharmacological agents used both in the nursing care of these health alterations and to maintain health is included in the discussions. Nursing implications for discharge planning and client education for the promotion of health are stressed. Prerequisites: ANUR 1040, ANUR 1233, ANUR 1240, ANUR 1350. Corequisite: ANUR 2112. (WE)

ANUR 2112. Medical/Surgical Nursing Clinical Applications I
Lecture 0, Lab 3, Credit 3

This course builds upon the nursing care theory and skills discussed in Nursing Fundamentals I, Nursing Fundamentals II, and Medical/Surgical Nursing Concepts I. Using the nursing process, students perform basic and increasingly advanced clinical nursing skills in appropriate health facilities under the supervision of the instructor. The student begins to use the nursing process to plan and implement safe nursing care. Prerequisites: ANUR 1040, ANUR 1233, ANUR 1240, ANUR 1350. Corequisite: ANUR 2110.

ANUR 2210. Medical/Surgical Nursing Concepts II
Lecture 5, Lab 0, Credit 5

This course builds upon knowledge gained from Medical/Surgical Concepts I. Nursing care of the medical/surgical adult client with neoplasia and skin disorders, and alterations in musculoskeletal, liver/gallbladder, sensory, and the endocrine system are discussed. The appropriate pharmacologic agents and diet therapy necessary for health restoration are discussed. Prerequisites: ANUR 1450, ANUR 2110, ANUR 2112. Corequisite: ANUR 2212. (WE)

ANUR 2212. Medical/Surgical Nursing Clinical Applications II
Lecture 0, Lab 3, Credit 3

This course builds upon Medical/Surgical Nursing Clinical Applications I, students utilize the nursing
process to demonstrate basic to advanced clinical nursing skills in a variety of health care settings under the supervision of an instructor. Students have the opportunity to participate in health screening activities.

The role and responsibilities of the practical nurse as a health team member are emphasized. Prerequisites: ANUR 1450, ANUR 2110, ANUR 2112. Corequisite: ANUR 2210.

ANUR 2223. Mental Health Nursing Concepts
Lecture 2, Lab .5, Credit 2.5

The student utilizes the nursing process to provide care to client experiencing psychopathological, emotional, and behavioral alterations. Appropriate pharmacological agents, their actions, uses, and side effects are discussed. Client education and diet modifications related to the use of these medications are stressed. Health promotion activities necessary to promote and maintain optimal mental health are explored. Using the nursing process, students demonstrate appropriate communication techniques and have the opportunity to participate as a member of a multidisciplinary health care team in the care of a selected client in the mental health setting. This course includes a 30-hour clinical component. Prerequisites: ANUR 1040, ANUR 1233, ANUR 1240, ANUR 1350. Note: Students must pass both the theory and clinical components of this course with an 80% in each component to successfully complete the course and advance in the Practical Nursing Program.

ANUR 2230. IV Therapy Concepts
Lecture 3, Lab 0, Credit 3

Students are exposed to the role of the practical nurse in the initiation and maintenance of intravenous therapy infusions. The legal ramifications of this responsibility are stressed. Students focus on the anatomy and physiology specific to intravenous infusions and are taught the correct procedures for IV therapy in order to maintain client safety. Students demonstrate nursing skills necessary to perform venipuncture. Supervised lab performance is a part of this course. Prerequisites: ANUR 1040, ANUR 1450, ANUR 2110, ANUR 2112. Note: Students must pass both the theory and clinical components of this course with an 80% in each component to successfully complete the course and advance in the Practical Nursing Program.

ANUR 2243. Maternal Neonate Nursing
Lecture 2, Lab .5, Credit 2.5

This course emphasizes the use of the nursing process to perform skills in the maternal and neonatal setting to meet the needs of the client and neonate during antepartal, intrapartal, and postpartal periods. Historical/current issues, trends, growth and development of the childbearing family, fetal development, and gestation are presented. Nursing care of the client and her family during the antepartal, intrapartal, and postpartal periods is studied. Complications of pregnancy and their treatment and nursing care are discussed. This course includes a 30-hour clinical component. Prerequisites: ANUR 1040, ANUR 1233, ANUR 1240, ANUR 1350. Note: Students must pass both the theory and clinical components of this course with an 80% in each component to successfully complete the course and advance in the Practical Nursing Program.

ANUR 2310. Medical/Surgical Nursing Concepts III
Lecture 5, Lab 0, Credit 5

This course builds on knowledge gained in Medical/Surgical Nursing Concepts II and Medical/Surgical Nursing Clinical Applications II. The nursing care of clients experiencing complex health alterations in the urinary, reproductive, cardiovascular, blood, lymphatic and peripheral vascular systems is discussed. The appropriate pharmacologic agents and diet therapy necessary
for health restoration are discussed. Prerequisites: ANUR 1450, ANUR 2210, ANUR 2212. Corequisite: ANUR 2312. (WE)

ANUR 2312. Medical/Surgical Nursing Clinical Applications III
Lecture 0, Lab 3, Credit 3

Building on Medical/Surgical Nursing Clinical Applications II, the student utilizes the nursing process to provide safe, effective nursing care to adult medical/surgical client. Clinical opportunities include a Senior Management Rotation in a long-term care facility to enhance the leadership and management skills of the student and allow for further development of critical-thinking and problem-solving techniques. Prerequisites: ANUR 1450, ANUR 2210, ANUR 2212. Corequisite: ANUR 2310.

ANUR 2323. Pediatric Nursing
Lecture 2, Lab .5, Credit 2.5

In this course, students study adaptive behaviors utilized within the family unit to maintain and promote health. Students have the opportunity to demonstrate nursing skills specifically employed with pediatric clients. They learn to adapt the nursing process to reflect appropriate developmental stages and how to modify nursing actions for the pediatric client. This course also presents essential information related to growth and development from infancy through adolescence and those diseases common to the particular age groups. Health alterations commonly occurring during this period of the life span are explored. Students focus on age appropriate nursing care for the restoration of health and the promotion of wellness. This course includes a 30-hour clinical component. Prerequisites or corequisites: ANUR 2112 and ANUR 2110. Note: Students must pass both the theory and clinical components of this course with an 80% in each component to successfully complete the course and advance in the Practical Nursing Program.

ANUR 2340. Advanced Pharmacology
Lecture 3, Lab 0, Credit 3

Drug classifications and their effect on the various body systems are presented. Specific drugs in each classification are emphasized according to therapeutic effects, side effects, and adverse effects. Routes of drug administration and variables that influence drug actions are covered to include dangerous drug interactions and nursing implications related to each drug. Safety precautions which will aide in decreasing the incidence of errors in medication are stressed. Advanced medication calculations will be required to demonstrate knowledge of safe dosing parameters. The nursing process is utilized to assess the learning needs of the client and the effects of all pharmacological interventions. Prerequisites: ANUR 1450, ANUR 2110, ANUR 2112, ANUR 2210, ANUR 2212. Corequisites: ANUR 2310 and ANUR 2312

ANUR 2353. PN Professionalism
Lecture 2, Lab .5, Credit 2.5

This course assists the student in preparing for the NCLEX-PN licensure examination. The students are assisted in making decisions concerning job choices and educational growth by compiling resumes, evaluating job offers, and outlining information essential to finding, applying for, and terminating a job in the health care industry. The role and function of professional nursing organizations are discussed while relating the importance of continuing education in preparation for expanded job roles. The laws related to the Practice of Practical Nursing (Nurse Practice Act) and the Administrative Rules and Minimum Requirements Relating to Practical Nursing Education and Licensure to Practice in the state of Louisiana are reviewed and discussed. This course is a study of a dynamic process of internalizing professional and social values for professional nursing practice. Students synthesize professional practice issues in a selected clinical area of interest as a nursing mentor.
Clinical experiences provide the students with the opportunity to integrate classroom theory with professional nursing practice while adhering to Laws related to the Practice of Practical Nursing. This course includes a 30-hour clinical component. Prerequisites: ANUR 2110, ANUR 2112, ANUR 2210, ANUR 2212, ANUR 2223, ANUR 2230. Corequisites: ANUR 2310 and ANUR 2312. Note: Students must pass both the theory and clinical components of this course with an 80% in each component to successfully complete the course.

**ARTS 1200. Introduction to Visual Arts**
*Lecture 3, Lab 0, Credit 3*

This course is a study of the nature and meaning of the visual arts including painting, drawing, sculpture, printmaking, photography, and architecture. [LCCN: CART 1023]

**ARTS 2303. Color Theory**
*Lecture 0, Lab 3, Credit 3*

Course covers the physical phenomenon of color and its intricacies as it relates to the design process of visual communication. It is geared towards developing students' fundamental understanding, visual awareness, and critical observation of the complex nature of color. (Studio course, with 6 contact hours). [LCCN: CART 2303]

**BIOL 1010. General Biology I**
*Lecture 3, Lab 0, Credit 3*

Basic biological principles and concepts including atoms and molecules, cellular respiration, heredity, and evolution. Intended for non-science majors. [LCCN: CBIO 1013]

**BIOL 1011. General Biology I Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory investigations designed to demonstrate and complement the lessons of General Biology I. Prerequisite or corequisite: BIOL 1010. [LCCN: CBIO 1011]

**BIOL 1020. General Biology II**
*Lecture 3, Lab 0, Credit 3*

Basic biological principles including a survey of the life on Earth -- viruses to vertebrates, animal behavior, major biomes of the planet, ecology, ecosystems, and conservation of resources. Intended for non-science majors. [LCCN: CBIO 1023]

**BIOL 1021. General Biology II Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory investigations designed to demonstrate and complement the lessons of General Biology II. Prerequisite or corequisite: BIOL 1020. [LCCN: CBIO 1021]

**BIOL 1031. Biology I Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory designed to supplement Biology I. Prerequisite or corequisite: BIOL 1033. [LCCN: CBIO 1031]

**BIOL 1033. Biology I**
*Lecture 3, Lab 0, Credit 3*

Intended for science majors. Basic biological concepts including scientific method, principles of biological molecules, cell structure and function, and genetics. Prerequisites: Eligible for MATH 1000 and ENGL 1010 [LCCN: CBIO 1033]

**BIOL 1041. Biology II Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory designed to supplement Biology II. Prerequisite or corequisite: BIOL 1043. [LCCN: CBIO 1041]

**BIOL 1043. Biology II**
*Lecture 3, Lab 0, Credit 3*

Intended for science majors. General concepts and principles of ecology, evolution, and biological diversity. Prerequisite: “C” or better in BIOL 1031 and BIOL 1033. [LCCN: CBIO 1043]
BIOL 2100. Essentials of Anatomy & Physiology
Lecture 3, Lab 0, Credit 3
This course is a basic study of the structure and function of the human body.
It includes body systems, as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Intended for non-science majors.

BIOL 2101. General Microbiology Lab
Lecture 0, Lab 1, Credit 1
Laboratory investigations designed to demonstrate and complement the lessons of General Microbiology. Prerequisite or corequisite: BIOL 2103. [LCCN: CBIO 2101]

BIOL 2103. General Microbiology
Lecture 3, Lab 0, Credit 3
A basic study of microorganisms and their role in disease, sanitation, ecology, and industry. Prerequisite: “C” or better in BIOL 2251 and BIOL 2253. [LCCN: CBIO 2103]

BIOL 2111. Microbiology for Nursing and Allied Health
Lecture 0, Lab 1, Credit 1
Laboratory investigations designed to demonstrate and complement the lessons of BIOL 2113. Prerequisite or corequisite: BIOL 2113. [LCCN: CBIO 2111]

BIOL 2113. Microbiology for Nursing and Allied Health
Lecture 3, Lab 0, Credit 3
Principles of microbiology, with emphasis on health and disease. Microbial cell structure, function, and metabolism; immunology, control of microbial growth, and the impact of microbes on human health. Prerequisites: “C” or better in BIOL 2253. [LCCN: CBIO 2113]

BIOL 2251. Human Anatomy & Physiology 1 Laboratory
Lecture 0, Lab 1, Credit 1
Laboratory investigations designed to demonstrate and complement the lessons of Human Anatomy & Physiology 1. Prerequisite or corequisite: BIOL 2253. [LCCN: CBIO 2211]

BIOL 2253. Human Anatomy & Physiology 1
Lecture 3 Lab 0, Credit 3
A study of histology and the structure and function of the following systems: integumentary, skeletal, muscular, and nervous. Prerequisite: Eligible for MATH 1100 and ENGL 1010. [LCCN: CBIO 2213]

BIOL 2261. Human Anatomy & Physiology 2 Laboratory
Lecture 0, Lab 1, Credit 1
Laboratory investigations designed to demonstrate and complement the lessons of Human Anatomy & Physiology 2. Prerequisite or corequisite: BIOL 2263. [LCCN: CBIO 2221]

BIOL 2263. Human Anatomy & Physiology 2
Lecture 3, Lab 0, Credit 3
A study of the maintenance of physiological homeostasis and the structure and function of the following systems: endocrine, circulatory, immune, lymphatic, respiratory, digestive, urinary, and reproductive. Prerequisite: “C” or better in BIOL 2253 and BIOL 2251. [LCCN: CBIO 2223]

BUSI 1030. Introduction to Business
Lecture 3, Lab 0, Credit 3
This course provides a fundamental working knowledge of the functions of business and the contributions to society. This course also covers communication technology, globalization, and business ethics. [LCCN: CBUS 1003]

BUSI 1090. Personal Finance
Lecture 3, Lab 0, Credit 3
This course offers an overview of personal financial planning with an emphasis on money management principles, consumer financial decisions, budgeting, insurance, and investing from an individual perspective. [LCCN: CFIN 2113]
BUSI 1210. Business Math
Lecture 3, Lab 0, Credit 3
A study of various business-related mathematical processes, principles, and techniques used to solve business problems. [LCCN: CBUS 1103]

BUSI 2010. Legal Environment of Business
Lecture 3, Lab 0, Credit 3
This course offers students a basic understanding of the American legal system, particularly as it relates to businesses. Topics include antitrust law, contracts, employment obligations, consumer law, and business ethics. Prerequisite: BUSI 1030. [LCCN: CBUS 2003] (WE)

BUSI 2080. Introduction to Human Resource Management
Lecture 3, Lab 0, Credit 3
This course offers students an introduction to the major concepts in human resource management. Topics include an overview of HR strategies, HR planning, monitoring and measuring effectiveness, diversity and global implications, HR ethics, and overall work environment. Emphasis is placed on recruiting, selecting, developing and retaining a productive workforce. [LCCN: CMGM 2213]

BUSI 2300. Business Communications
Lecture 3, Lab 0, Credit 3
This course includes the following: the communication theories and their applications; the role of technology; legality and ethics; the psychological approaches to preparing business letters; analysis and solution of business problems through effective letters and memos. (WE)

BUSI 2320. Principles of Marketing
Lecture 3, Lab 0, Credit 3
This course offers an overview of the marketing process, including target market selection and segmentation, marketing mix development, and marketing strategy. [LCCN: CMKT 2003] (WE)

BUSI 2330. Business Ethics
Lecture 3, Lab 0, Credit 3
This course offers an overview of contemporary ethical issues, particularly in business. Ethical dilemmas and decision making frameworks will be explored. (WE)

BUSI 2995. Internship
Lecture 0, Lab 3, Credit 3
This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval.

CADD 1101. Computer Aided Drafting I
Lecture 1, Lab 3, Credit 4
This course is an introduction to computer-aided drafting. It introduces the basic concepts and principles of CAD, covering basic CAD commands. Emphasis is on drawing setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating and scaling objects; adding text, using layers; coordinating systems and input and output devices. Corequisites or prerequisites: DRFT 1101, DRFT 1102, DRFT 1103, and DRFT 1104.

CADD 1201. Computer Aided Drafting II
Lecture 1, Lab 3, Credit 4
This course is an application of basic use of commands and components of a CAD workstation. It includes setting up and preparing working drawings. It covers the advanced principles of CAD and making use of advanced commands to develop complex, drawings. It is a continuation of practices and techniques used in Basic I. This course emphasizes the development of symbol libraries; application of parametric principles; dimensioning, blocks; three-dimensional and isometric drawings; customizing program menus
CHEM 2030. Quantitative Chemical Analysis
*Lecture 3, Lab 0, Credit 3*
Introduction to techniques and practices of analytical chemistry. Topics include: statistics, equilibrium, titration, spectroscopy, electrochemistry, chromatography, and a brief introduction to instrumental analysis. Prerequisites: “C” or better in CHEM 1020 and CHEM 1021, Corequisite: CHEM 2031. [LCCN: CCEM 2303]

CHEM 2031. Quantitative Chemical Analysis Lab
*Lecture 0, Lab 1, Credit 1*
Application of the theory and procedures of gravimetric, volumetric, and instrumental analysis; safety and basic laboratory techniques related to CHEM 2030. Prerequisites: “C” or better in CHEM 1020 and CHEM 1021, Corequisite: CHEM 2030. [LCCN: CCEM 2301]

CHEM 2210. Elements of Organic Chemistry
*Lecture 3, Lab 0, Credit 3*
This course examines fundamental concepts of organic chemistry and surveys the principal functional groups and the physicochemical properties of the major families of organic compounds. Applications of organic chemistry to agriculture, the food industry, and the medical industry, among others will be examined. Prerequisites: “C” or better in CHEM 1020 and CHEM 1021, Corequisite: CHEM 2211. [LCCN: CCEM 2203]

CHEM 2211. Elements of Organic Chemistry Laboratory
*Lecture 0, Lab 1, Credit 1*
Basic mini-scale techniques for purification and determination of organic compounds. Introduction to organic nomenclature and functional groups. Interpretation of GC, IR, and NMR spectra. Basic organic syntheses. Introduction to the concepts and practices of “Green Chemistry”. Prerequisite: “C” or better in CHEM 1020 and CHEM 1021, Corequisite: CHEM 2210.
CLTE 1000. Introduction to Lab Analysis
Lecture 3, Lab 0, Credit 3
Overview of the duties and responsibilities of a Chemical Lab Analyst. The student will learn how these duties are used in a plant environment to reach an end product. In addition, an introduction to ISO 9000, guest lectures, and plant tours are included. Soft skills will also be covered such as professionalism, teamwork, and work ethics. Prerequisite: Eligible for MATH 1100. (WE)

CLTE 2000. Chemical Laboratory Analysis I
Lecture 3, Lab 0, Credit 3
Overview of instrumental chemical analysis. Topics include statistical analysis, sampling, analytical separations, gravimetric and titrimetric analysis, gas chromatography, online process analyzers, and/or electroanalytical chemistry. Prerequisites: “C” or better in CLTE 1000. Co-requisite: CLTE 2002. (WE)

CLTE 2002. Chemical Laboratory Analysis I Lab
Lecture 0, Lab 2, Credit 2
Lab for Applied Chemical Instrumental Analysis I. Prerequisite: “C” or better in CLTE 1000. Co-requisite: CLTE 2000. (WE)

CLTE 2100. Chemical Laboratory Analysis II
Lecture 3, Lab 0, Credit 3
Study of advanced topics in instrumental analysis. Topics include atomic absorption, inductively coupled plasma, microwave plasma, atomic emission spectrometry, nuclear magnetic resonance, gas chromatography/mass spectrometry, liquid chromatography, and infrared spectroscopy. Prerequisite: “C” or better in CLTE 2000, CLTE 2002. Co-requisite: CLTE 2102. (WE)

CLTE 2102. Chemical Laboratory Analysis II Lab
Lecture 0, Lab 2, Credit 2

CRMJ 1110. Introduction to Criminal Justice
Lecture 3, Lab 0, Credit 3
Review of history and philosophical background of the US criminal justice systems; the organization of its agencies and processes including the legislature, police, prosecutor, courts, corrections; including their development of modern practices and their role in today’s society. [LCCN: CCRJ 1013]

CRMJ 1120. Introduction to Corrections
Lecture 3, Lab 0, Credit 3
Study of history, philosophy, theories and practices involved in treatment of convicted law violators. Focus is given to roles of correctional system as it relates to other components of the criminal justice system. The two worlds of the prison system are explored - administration and inmate. [LCCN: CCRJ 2013]

CRMJ 1220. Police Systems and Practices
Lecture 3, Lab 0, Credit 3
Study of organization and management of police agencies, focusing on role, scope, functions of these agencies; history and styles of policing are explored; court rulings involving the police are examined. [LCCN: CCRJ 2313]

CRMJ 1230. Criminal Justice Writing
Lecture 3, Lab 0, Credit 3
General procedures in writing police reports and law enforcement related reports, including development and organization of thoughts and ideas; covers grammar skills, proper punctuation, capitalization, and effective communication techniques. Prerequisite: Eligible for ENGL 1010.

CRMJ 1332. Introduction to Criminal Law
Lecture 3, Lab 0, Credit 3
Study of substantive criminal law including definition of law, crime, defenses, criminal responsibility, punishments, and court systems. Prerequisite: Eligible for ENGL 1010 or ENGL 1020. [LCCN: CCRJ 2213]
CRMJ 2010. Cultural Anthropology for Criminal Justice
Lecture 3, Lab 0, Credit 3

This course introduces the student of criminal justice to theories, concepts and approaches in understanding sociocultural variation of cultural change; legal, political, economic, and social organizations; life and death ethical issues; socialization; and religious movements, to include death related issues; the values of respect and concern for other cultures and peoples; and social problems that affect respective communities through the lens of criminal justice/death investigation practitioners.

CRMJ 2112. Social Problems for Criminal Justice
Lecture 3, Lab 0, Credit 3

Analysis of major social problems in today’s society focusing on causes and consequences. This course is designed for Criminal Justice majors only. Prerequisites: Eligible for ENGL 1010.

CRMJ 2322. Criminal Investigation
Lecture 2, Lab 1, Credit 3

Study of investigation procedures including theory, legal aspects, evidence collection, preservation, submission, interviews, interrogations, search and protection of crime scene, patrol and observation, note taking, and report writing. Prerequisites: Eligible for ENGL 1010. (WE)

CRMJ 2340. Criminology
Lecture 3, Lab 0, Credit 3

A study of the theories used to explain criminal behavior. Prerequisites: Eligible for ENGL 1010.[LCCN: CCRJ 2113]

CRMJ 2403. Crisis & Trauma
Lecture 3, Lab 0, Credit 3

This course will introduce the student to fundamental concepts of crisis theory and practice. Students will learn to use a holistic framework for viewing individual responses to crisis events such as sexual assault, domestic violence, substance abuse, and death. Prerequisites: Eligible for ENGL 1010.

CRMJ 2410. Juvenile Justice System
Lecture 3, Lab 0, Credit 3

Study juvenile delinquency with emphasis on theories, preventive programs, juvenile courts, and treatment. Prerequisites: Eligible for ENGL 1010. (WE)

CRMJ 2420. Deviance
Lecture 3, Lab 0, Credit 3

An introduction to the study of deviance in American society, to include its implications, functions, and dysfunctions. Prerequisites: “C” or better in CRMJ 1110 and Eligible for ENGL 1010. [LCCN: CCRJ 2513]

CRMJ 2422. Judicial Process
Lecture 3, Lab 0, Credit 3

Examination of role, function, structure of courts and how they relate to criminal justice. Prerequisite: Eligible for ENGL 1010.

CRMJ 2503. Death & Loss
Lecture 3, Lab 0, Credit 3

Course provides students biological, sociological, and psychological perspectives of death, dying, loss, and bereavement in our society and around the world. Prerequisite: Eligible for ENGL 1010

CRMJ 2510. Introduction to Forensics
Lecture 2, Lab 1, Credit 3

Study of investigative techniques and scientific methods used in criminal investigations. Prerequisites: CRMJ 1110 and Eligible for ENGL 1010 or ENGL 1020.

CRMJ 2552. Criminal Justice Externship
Lecture 0, Lab 3, Credit 3

Provides hands on experience at a criminal justice agency, allowing students to take classroom knowledge into the real working realities of the criminal justice system. Prerequisites: CRMJ 1110 and Eligible for ENGL 1010 or ENGL 1020. (WE)
CRMJ 2603. Death Investigation I
Lecture 3, Lab 0, Credit 3
This course will provide an introduction to the systematic process of completing a thorough death investigation with regard to natural and unnatural causes of death. Prerequisite: Eligible for ENGL 1010.

CRMJ 2622. Criminal Justice Ethics
Lecture 3, Lab 0, Credit 3
This course describes the basic aspects of expected, ethical, and professional conduct within the criminal justice system which applies to all members of the law enforcement, corrections and the judiciary community. Central topics of discussion include morality, ethics, and human behavior, police role in discretion, corruption, and misconduct in society, discretion and dilemmas in the legal profession, and the ethics of punishment and misconduct in corrections. Prerequisite: Eligible for ENGL 1010. (WE)

CRMJ 2703. Death Investigation II
Lecture 3, Lab 0, Credit 3
This builds upon knowledge gained from Death Investigations I. this course will provide in-depth information of scientific procedures necessary to conduct thorough death investigations with respect to various types of death scenes. Prerequisite: CRMJ 2603.

CRMJ 2803. Entomology for Criminal Justice
Lecture 3, Lab 0, Credit 3
This course introduces the student to major groups of insects to include their biological functions in the field of death investigation. Prerequisite: Eligible for ENGL 1010.

CRMJ 2903. Selected Topics in Death Investigations
Lecture 3, Lab 0, Credit 3
This course introduces the student to various topics related to the study of death investigations. Prerequisite: CRMJ 2603.

CRMJ 2997. Selected Topics in Criminal Justice
Lecture 3, Lab 0, Credit 3
Examines current issues in the criminal justice system; students will analyze, explore, question, and develop possible responses to issues presented. Prerequisites: CRMJ 1110 and Eligible for ENGL 1010.

CRMJ 2998. Selected Topics in Criminal Justice
Lecture 3, Lab 0, Credit 3
Examines current issues in the criminal justice system with emphasis on topics appropriate for students considering transfer to a baccalaureate degree. Students will analyze, explore, question, and develop possible responses to issues presented. Prerequisites: CRMJ 1110 and Eligible for ENGL 1010.

CSSK 1010. College Success
Lecture 1, Lab 0, Credit 1
Required of students who place in any transitional discipline and students enrolled in the ASN curriculum. A solid foundation of academic and life skills that promote success in achieving educational goals. Topics include setting goals, learning and learning styles, active listening, note taking, time management, test preparation and test taking, health and wellness, social life, and financial literacy. Students who are awarded at least 12 semester hours of transfer credit will receive a grade of “CR” in CSSK 1010.

CULN 1013. Cake Decorating and Candy Making
Lecture 1, Lab 2, Credit 3
This course is designed to advance students’ knowledge of various fine decorating techniques. Emphasis will be placed on perfection of decorating style and presentation as well as basic sugar and chocolate candy making techniques. Prerequisites/Corequisites: None
CULN 1023. Baking and Pastry of the South  
*Lecture 1, Lab 2, Credit 3*  
This course is designed to advance students’ knowledge of hands-on experience in the perfection of traditional southern pastries and breads. Prerequisites/Corequisites: None

CULN 1033. Professional Baking and Pastries  
*Lecture 1, Lab 2, Credit 3*  
This course is designed to advance students’ knowledge of various yeast and quick breads, tortes, mousses, chocolate decor works and other pastries to be presented on buffets or as plated desserts. Prerequisites/Corequisites: None

CULN 1043. International Pastry  
*Lecture 1, Lab 2, Credit 3*  
This course is designed to advance students’ knowledge to the history and production of various deserts and breads from a variety of international cultures. Prerequisites/Corequisites: None

CULN 1103. Basic Skills Development  
*Lecture 3, Lab 0, Credit 3*  
An exploration of standard units of measure and unit conversion, estimation, percent’s, ratios, yield tests, recipe scaling, and recipe costing as they relate to the food industry. Students will learn to use mathematics in preparing requisitions, price lists, purchase orders, invoicing, weight and measurement conversions, costing, and yield calculations. Prerequisites/Corequisites: None

CULN 1133. Sanitation and Safety  
*Lecture 3, Lab 0, Credit 3*  
Students will develop an understanding of the basic principles of sanitation and safety, personal hygiene; explore the fundamentals of microbiology and the application to food and environmental sanitation.

Students will be able to describe the origins of food-borne disease and the importance of utilizing proper sanitation and safety procedures required to prevent food-borne illnesses in the work place.

Students successfully completing the course and the national exam will receive a food safety certificate. (This course is a lecture only course; the hands on skills will be applied throughout the remaining food service lab classes). Prerequisites/Corequisites: None

CULN 1172. Essentials of Dining Room Service  
*Lecture 1, Lab 2, Credit 3*  
Students are introduced to front-of-the-house procedures from guest relations to basic dining room skills and table service. The students will learn dining room service functions using a variety of types of service. Students will also be introduced to the many components of the travel industry with emphasis on automation, types of travelers, safety, international travel, political, and environmental issues facing the industry. Prerequisites/Corequisites: None

CULN 1223. Nutrition  
*Lecture 3, Lab 0, Credit 3*  
This course provides an introduction to the fundamentals of nutrition and analysis of the relationship between nutrient intake and health throughout the life cycle. Students will explore the role of nutrients in the metabolic processes of the cell and the human body. Students will develop an in-depth personal nutrient analysis. Prerequisites/Corequisites: None

CULN 1233. Garde Manger  
*Lecture 1, Lab 2, Credit 3*  
Students will learn the principles of preparation of salads, salad dressings, fruits, sandwiches, charcuterie, hors d’Oeuvres and canapés, pate, terrines and other cold food, cold sauces, appetizers, and garnishes and their applications.

Emphasis is place on color, texture, and temperature in preparation and presentation. The student will provide hands on managerial concepts of food and labor cost, scheduling, purchasing, and menu planning dining room service func-
tions using a variety of types of service as well as providing hands on sanitation and safety procedures required to prevent food-borne illnesses in the work place. Students will be exposed to the foundations of modern restaurant cooking, allowing them to refine their skills and build their repertoire. Prerequisites: “C” or better in: CULN 1103, CULN 1172, CULN 1133, CULN 1223, CULN 1506. Corequisites: None.

CULN 1323. A` La Carte
Lecture 0, Lab 3, Credit 3

This course prepares the student for basic cooking methods and includes the study and hands on duties of salad bar/station, hot/cold sandwich station, sauté station, fry station, grill/broil station. The student will provide hands on managerial concepts of food and labor cost, scheduling, purchasing, and menu planning dining room service functions using a variety of types of service as well as providing hands on sanitation and safety procedures required to prevent food-borne illnesses in the work place. Students will be exposed to the foundations of modern restaurant cooking, allowing them to refine their skills and build their repertoire. Prerequisites: “C” or better in: CULN 1103, CULN 1172, CULN 1133, CULN 1223, CULN 1506. Corequisites: None.

CULN 1506. Introduction to Culinary Principles
Lecture 2, Lab 4, Credit 6

The students will develop the understanding and demonstrate hands on managerial concepts of the food service industry, sanitation and safety, tools and equipment, menus, recipes, and cost management, nutrition, basic principles of cooking and food science, and mise en place.

The Student will develop the understanding and demonstrate their skills in making stocks, sauces and soups as well as the composition, structure, cuts, cooking and handling of meats and game, poultry and game bird, fish and shellfish, vegetables, potatoes, legumes, grains and pasta and other starches. Students will be exposed to the foundations of modern restaurant cooking, allowing them to refine their skills and build their repertoire. Prerequisites/Corequisites: None. (WE)

CULN 1603. Culinary Production Principles for Dining Facilities
Lecture 0, Lab 3, Credit 3

This course will enable the students to prepare and serve foods in meats and game, poultry and game birds, fish and shellfish, vegetables, cooking potatoes, legumes, grains, pasta, and other starches, egg and breakfast product cookery, and advanced food cookery using the following cooking techniques: Poaching, simmering, boiling, steaming, braising, roasting, baking, broiling, grilling, griddle, pan broiling, sautéing pan frying and deep frying using appropriate preparation, holding, and serving procedures to maintain a quality product. The student will also prepare stocks, soups, the five mother sauces and their variations, as well as learning the use of thickening agents, reductions, and glazes. The student will provide hands on managerial concepts of food and labor cost, scheduling, purchasing, and menu planning, dining room service functions using a variety of types of service as well as providing hands on sanitation and safety procedures required to prevent food-borne illnesses in the work place. Students will be exposed to the foundations of modern restaurant cooking, allowing them to refine their skills and build their repertoire. Prerequisites: “C” or better in: CULN 1103, CULN 1172, CULN 1133, CULN 1223, CULN 1506. Corequisites: None. (WE)

CULN 1953. Introduction to Baking and Pastry
Lecture 1, Lab 2, Credit 3

Students will learn fundamentals of baking science, preparation of yeast dough products, quick breads, cakes and icings, cookies, pies, puff pastry, éclair and cream puffs, meringues, soufflés, as well as creams, custards, puddings, 250
sauces, and frozen and fruit desserts. Emphasis is placed on the principles of baking, chemistry, formulas, the use of weights and measures, and identification, use and care of equipment normally found in the bakeshop. Students will apply the knowledge of laws and regulations relating to safety and sanitation in the kitchen. Whole dessert presentations and creative plate presentations are also emphasized. The student will provide hands on dining room service functions using a variety of types of service as well as providing hands on sanitation and safety procedures required to prevent food-borne illnesses in the work place. Students will be exposed to the foundations of modern restaurant baking allowing them to refine their skills and build their repertoire. Prerequisites/Corequisites: None

CULN 2013. Artisan Theory and Bread Techniques
Lecture 1, Lab 2, Credit 3

This course is designed to advance students’ knowledge of various methods and theory related to advanced techniques in breads including the principles of artisan production, lamination and enriched doughs as well as the intricacies of design utilizing light yeasted and non-yeasted doughs. Prerequisites: CULN 1953, CULN 1013, CULN 1023, CULN 1033, CULN 1043.

CULN 2037. Baking and Pastries Externship
Lecture 1, Lab 6, Credit 7

This externship is an intermediate level work-experience course that is designed to provide students with a hands-on learning experience in the baking and pastry industry.

Students apply theoretical knowledge of culinary arts, demonstrate practical skills of production, and practice professionalism in a college-approved externship setting. Upon completion of this course, students gain a broader understanding of the demands and expectations of the baking and pastry industry while improving their skills in the craft of culinary arts. Each student will be required to submit a portfolio of their experiences during the externship. Prerequisites: CULN 1953, CULN 1013, CULN 1023, CULN 1033, CULN 1043.

CULN 2103. Culinary International Odyssey Externship
Lecture 1, Lab 2, Credit 3

This externship is an intermediate level work-experience course that is designed to provide students with a hands-on learning experience in the food service industry. Students apply theoretical knowledge of culinary arts, demonstrate practical skills of production of international meals from an international location and practice professionalism in a college-approved externship setting. Upon completion of this course, students gain a broader understanding of the demands and expectations of the international food service industry while improving their skills in the craft of culinary arts. Each student will be required to submit a research paper, and a final report portfolio of their experiences during the Culinary International Odyssey Externship. Prerequisites: “C” or better in the following courses: CULN 1103, CULN 1172, CULN 1133, CULN 1506, CULN 1223, or Special Departmental Approval.

CULN 2110. Culinary Production Externship
Lecture 0, Lab 9, Credit 9

This externship is an intermediate level work-experience course that is designed to provide students with a hands-on learning experience in the food service industry.

Students apply theoretical knowledge of culinary arts, demonstrate practical skills of production, and practice professionalism in a college-approved industry setting. Upon completion of this term-long course, students gain a broader understanding of the demands and expectations of the food service industry while improving their skills in the craft of culinary arts. Each student will be required to submit a portfolio of their experiences during the externship. Prerequisites: “C” or better
in: CULN 1103, CULN 1172, CULN 1133, CULN 1223, CULN 1506, CULN 1603, CULN 2413, CULN 1323, CULN 1233, CULN 1953. Corequisites: None. (WE)

CULN 2413. Regional Cuisine
Lecture 1, Lab 2, Credit 3

Students are introduced to Regional Cuisines including traditional Cajun and Creole as well as local regional fare. Menus incorporate a broad range of skills, cooking techniques and ingredients. Students will be exposed to the foundations of modern restaurant cooking, allowing them to refine their skills and build their repertoire. This course includes an individual or team(s) preparation of a specified number and variety of regional dishes for portfolio, using advanced skills, instructor-prepared criteria, and evaluation processes. Includes a research paper. Prerequisites: “C” or better in: CULN 1103, CULN 1172, CULN 1133, CULN 1223, CULN 1506. Corequisites: None

CULN 2433. Food and Beverage Operations
Lecture 3, Lab 0, Credit 3

The course will prepare the student for the transition from employee to supervisor. The students will be able to conduct an analysis and explanation of basic supervisory management skills, management styles, motivation and emphasis on human relations, delegation, training, evaluation, and communication.

This course also covers employee termination procedures. Students will also be introduction to the many components of the travel industry with emphasis on automation, types of travelers, safety, international travel, political, and environmental issues facing the industry.

DRFT 1101. Drafting Fundamentals
Lecture 1, Lab 1, Credit 2

This course is an orientation to the drafting profession. It is an introduction to engineering drawing and design. The students will gain knowledge of drafting equipment, media and reproductions methods and will learn sketching, lettering and drawing using the alphabet lines. Corequisites or prerequisites: CADD 1101, DRFT 1102, DRFT 1103, and DRFT 1104. (WE)

DRFT 1102. Geometric Construction
Lecture 1, Lab 1, Credit 2

This course covers geometric construction. The objectives are for students to: draw parallel and perpendicular lines; construct bisectors and divide lines and spaces into equal parts; draw polygons, tangencies and ellipses; solve engineering problems by making a formal drawing with geometric constructions from an engineer’s sketch or layout. It deals with multi-view drawings and the preparation of single and multi-view drawings; selecting the appropriate views for presentations; drawing view enlargements, establishing run-outs, explaining the difference between first and third angle projection, preparing formal multi-view drawings from an engineer’s sketch and actual industrial layouts. Corequisites or prerequisites: CADD 1101, DRFT 1101, DRFT 1103, and DRFT 1104.

DRFT 1103. Pictorial/Working Drawing
Lecture 1, Lab 1, Credit 2

This course covers pictorial and working drawings. The objectives are to have the students learn to draw complete sets of working drawings (including details, assemblies and parts lists); prepare written specifications of purchase parts for the parts lists; properly group information on the assembly drawing with identification numbering systems; explain the engineering change process and prepare engineering changes; draw three-dimensional objects using isometric, diametric or trimetric methods; construct objects using oblique drawing methods; draw objects using one, two or three point perspective; apply a variety of shading techniques to pictorial drawings. Corequisites or prerequisites: CADD 1101, DRFT 1101, DRFT 1102, and DRFT 1104.
DRFT 1104. Machine Drawing  
*Lecture 1, Lab 1, Credit 2*  
This course deals with machine drawings, manufacturing materials and processes, dimensioning and tolerance. The objectives are for students to be able to define and describe various manufacturing materials; material terminology; apply proper specific notes for manufacturing features; place proper general notes and delta notes on a drawing; interpret and use correct tolerancing techniques; prepare completely dimensioned multi-view drawings. Students learn the fundamentals of orthographic projection and the application of dimensioning practices in the preparation of formal multi-view drawings. Corequisites or prerequisites: CADD 1101, DRFT 1101, DRFT 1102, and DRFT 1103.

DRFT 1201. Section Drawing  
*Lecture 1, Lab 1, Credit 2*  
This course deals with the identification and drawing of section conventions and different types of sectional views. The objectives are for students to: be able to draw proper cutting-plane line representations; draw sectional views, including full, half, aligned, broken-out, auxiliary, revolved, and removed sections; identify features that should remain unsectioned in a sectional view; prepare drawings with conventional revolutions and conventional breaks; modify the standard sectioning techniques as applied to specific situations; make sectional drawings; create a cam displacement diagram. Prerequisites: CADD 1101, DRFT 1101, DRFT 1102, DRFT 1103, and DRFT 1104. Prerequisite or corequisite: DRFT 1205.

DRFT 1205. Measurements & Materials  
*Lecture 1, Lab 1, Credit 2*  
This course will introduce students to materials used in construction, and give them first-hand experience in measuring real world items and taking field notes. The objectives are: for students to learn about materials that are used in various types of construction; learn the difference between nominal sizes and actual sizes of these materials; to introduce students to the various fasteners used in construction; to learn terminology used in construction; to learn to measure and sketch field notes of items they will encounter in the working world. Prerequisites: CADD 1101, DRFT 1101, DRFT 1102, DRFT 1103, and DRFT 1104. Prerequisite or corequisite: DRFT 1201.

DRFT 2301. Architecture I  
*Lecture 1, Lab 2, Credit 3*  
This course is an introductory course in the development of architectural drafting ability and the basic design necessary in planning procedures to make the overall development of a set of drawings clear. The material is limited to the residential and light commercial construction. Prerequisites: CADD 1101, DRFT 1101, DRFT 1102, DRFT 1103, and DRFT 1104.

DRFT 2302. Electrical/Electronics  
*Lecture 1, Lab 2, Credit 3*  
This course covers AC-DC theory, electrical and electronic symbols, drawings, wiring diagrams, assembly drawings, block diagrams, electronic schematic diagrams, logic diagrams, industrial electronic diagrams, electric power drawings, printed circuit boards layouts, motor control diagrams, electrical one line diagrams, and electrical drawings for architectural plans. Prerequisites: CADD 1201, DRFT 1201, and DRFT 1205.

DRFT 2303. Machines/Manufacturing  
*Lecture 1, Lab 2, Credit 3*  
This course deals with the application of theory of machine drawing. Emphasis is on the preparation of detail drawings, section views, notation, tolerance, dimensioning and layout. It is designed to give the student the necessary practice and knowledge to accomplish the design of machine components and to make the necessary drawings
DRFT 2304. Piping
Lecture 1, Lab 2, Credit 3
This course deals with the theory and principles of pipe drafting, scale layouts, diagrammatic and isometric pipe drawings. Problems in routing pipe design usually handled by the drafter are included in the instruction. It includes acquainting the student with the process pipe drafting used in the area refineries. Prerequisites: CADD 1201, DRFT 1201, and DRFT 1205.

DRFT 2305. Structural/Strength of Materials
Lecture 1, Lab 2, Credit 3
This course is designed to teach the principles and required information to layout and execute the necessary structural steel details and shop drawings required for the fabrication and erection of a steel structure. The placement of reinforcing steel in concrete is also covered, in addition to the use of the AISC Steel Construction Manual, American Concrete Institute standards, and the American Institute of Steel Construction. It covers the topics of stress and strain, direct and shearing stresses, torsion, bending, bolted and welded connections, basic design of timber and steel beams and timber and steel columns, beam deflections, and statistically indeterminate beams. Prerequisites: CADD 1201, DRFT 1201, and DRFT 1205.

DRFT 2401. Architecture II
Lecture 1, Lab 2, Credit 3
This course is a continuation of Architecture I. It emphasizes more advanced drawing including some design and utilities for construction. Prerequisites: CADD 1201 and DRFT 2301.

DRFT 2402. Civil/Surveying
Lecture 1, Lab 2, Credit 3
This course covers mapping including the types of maps, conventional symbols, profiles, cross-sections, planning maps, plotting traverses, drawing contours and city and village maps from engineer’s notes. It also deals with construction, care and use of surveying instruments, and the theory and practice of chaining, differential and profile leveling, traversing, computation of areas of earthwork, theory and practice of stadia and its application to topographic surveying, U.S. Government systems of Public Lands Surveys, linear and grades, and reduction and plotting field notes. Prerequisites: CADD 1201 and DRFT 1205.

ECON 2010. Macroeconomics
Lecture 3, Lab 0, Credit 3
The course includes a study of market forces and government policies that affect national output/income, unemployment, inflation, and interest rates. It includes an introduction to banking, foreign currency markets, and trade balance. [CECN 2113]

ECON 2020. Microeconomics
Lecture 3, Lab 0, Credit 3
A study of individual behavior and market process.
It includes supply and demand, resource allocation, cost, prices and profit, the production process, market structure, and government intervention. [CECN 2223]
ELEC 1000. Electrical Safety  
*Lecture 2, Lab 1, Credit 3*  
The course includes the fundamentals of principles of safety and associated standards in the electrical industry. It gives an overview of protocols involved with safety compliance.

ELEC 1122. Residential Wiring  
*Lecture 1, Lab 2 Credit 3*  
The course includes the identification and uses of various types of conductors, equipment, devices, fittings, raceways and boxes used in residential installations. Breaker panel and service entrance components will also be identified and discussed. Also an introduction to various methods of installing AC cable, EMT, rigid metallic conduit, PVC, flexible and surface raceways. Lab requirements include cutting, bending, and installing conduit.

ELEC 1220. Introduction to Motor Controls  
*Lecture 3, Lab 1, Credit 4*  
An introduction to basic manual and push button motor control systems. Topics include an understanding of ladder logic and its various components, and basic motor and control installations. Prerequisite: INST 1111. (WE)

ELEC 1230. National Electric Code  
*Lecture 1, Lab 2, Credit 3*  
An interpretation and study of the NEC including calculations of: voltage-drops, box and conduit fill capacities, service conductor sizing, and transformer and motor installation protection. Also a study of grounding and bonding, class and division identification, and special occupancies. Prerequisite: INST 1111.

ELEC 1240. Commercial and Industrial Systems  
*Lecture 2, Lab 1, Credit 3*  
This course includes the fundamentals and principles of medium voltage equipment, the associated maintenance, and testing. Prerequisites: INST 1111, ELEC 1220.

ELEC 1312. Generator and Transformer Operations  
*Lecture 3, Lab 0, Credit 3*  
This course includes the fundamentals and principles of single phase and three phase motors and generators and transformer theory, application, and characteristics. Prerequisite: INST 1111.

ELEC 1430. Blueprint Interpretation  
*Lecture 1, Lab 2, Credit 3*  
An introduction to blueprint reading skills, which includes specifications and trade, related elements. The course includes making a material list from a blueprint.

ELEC 2220. Advanced Motor Controls  
*Lecture 3, Lab 1, Credit 4*  
This course presents information on advanced motor control applications. Topics include: installation, preventive maintenance, trouble shooting and repair of single phase and three phase motors, reversing motor circuits, reduced voltage starting, accelerating and decelerating methods, variable speed drives including DC motor drives and applications, AC variable frequency drives, programming and troubleshooting of VFD’s (formerly ELEC 2630) Pre-requisite: ELEC 1220.

ENGL 0098. Transitional English  
*Lecture 3, Lab 0, Credit 3*  
This course provides students with a comprehensive study of English. Topics discussed are grammar, usage, mechanics, sentences, sentence structure, editing paragraphs, and reading comprehension.
This is a skills improvement course that may not be used as credit for a certificate, diploma, or degree. Placement is based on ACT, ACCUPLACER, or SAT scores.

ENGL 0099. Transitional Writing  
*Lecture 3, Lab 0, Credit 3*  
This course provides instruction that will en-
able students to master the techniques of composition. Instruction and practice in paragraph and essay development, as well as reading comprehension, will provide a foundation for a college level composition course. This is a skills improvement course that may not be used as credit for a certificate, diploma, or degree. Placement is based on ACT, ACCUPLACER, or SAT scores, or a grade of “C” or better in ENGL 0098.

**ENGL 1010. English Composition I**
*Lecture 3, Lab 0, Credit 3*

An introduction to essay writing with an emphasis on the recursive writing process. Prerequisite: English score of at least 18 on the Writing portion and a 19 on the Reading portion of the ACT, an equivalent score on the ACCUPLACER test, “C” or better in ENGL 0099. [LCCN: CENL 1013]

**ENGL 1020. English Composition II**
*Lecture 3, Lab 0, Credit 3*

An introduction to research writing. Term paper required. Prerequisite: Require a “C” or better in ENGL 1010 to enroll. [LCCN: CENL 1023]

**ENGL 1500. Creative Copy Writing**
*Lecture 3, Lab 0, Credit 3*

A course in the writing of creative and motivating copy for layouts using the following media: newspaper, radio, billboards, television, magazines and direct mailing. Prerequisite: Require a “C” or better in ENGL 1020 to enroll.

**ENGL 2010. British Literature I**
*Lecture 3, Lab 0, Credit 3*

A survey of British writers from the beginning to the Romantic Era; includes literary analysis and writing about literature. Term paper required. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2103]

**ENGL 2020. British Literature II**
*Lecture 3, Lab 0, Credit 3*

A survey of British writers from the Romantic Era to the present; includes literary analysis and writing about literature. Term paper required. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2113]

**ENGL 2030. Major British Writers**
*Lecture 3, Lab 0, Credit 3*

A survey of significant British writers. Includes literary analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2123]

**ENGL 2110. American Literature I**
*Lecture 3, Lab 0, Credit*

A survey of American writers from the beginning to the Civil War; includes literary analysis and writing about literature. Term paper required. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2153]

**ENGL 2120. American Literature II**
*Lecture 3, Lab 0, Credit*

A survey of American writers from the Civil War to the present; includes literary analysis and writing about literature. Term paper required. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2163]

**ENGL 2130. Major American Writers**
*Lecture 3, Lab 0, Credit*

A survey of significant American writers, includes literary analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2173]

**ENGL 2310. World Literature I**
*Lecture 3, Lab 0, Credit 3*

A survey of world writers from the beginning to the 1600s; includes literary analysis and writing about literature. Term paper required. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2203]
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2320</td>
<td>World Literature II</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>A survey of world writers from the 1600s to the present; includes literary analysis and writing about literature. Term paper required. Prerequisite: Requires a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2213]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2330</td>
<td>Major World Writers</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>A survey of world writers from circa 1700 through the present day; includes literary analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020. [LCCN: CENL 2223]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2410</td>
<td>Introduction to Fiction</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to fiction; includes critical analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2303]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2420</td>
<td>Introduction to Literature</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to various literary genres; includes critical analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2323]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2430</td>
<td>Introduction to Poetry and/or Drama</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to poetry and/or drama; includes critical analysis and writing about poetry/drama. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2313]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2510</td>
<td>Introduction to African American Literature</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to African American literature; includes critical analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2403]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2520</td>
<td>Introduction to Women’s Literature</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to literature by or about women; includes critical analysis and writing about literature. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2413]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2530</td>
<td>Mythology or Folklore</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduction to mythology and/or folklore and its role in literature and culture. Prerequisite: Require a “C” or better in ENGL 1020 to enroll. [LCCN: CENL 2503]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2535</td>
<td>Technical Report Writing</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>The study of the procedures, terminology, and communication techniques utilized in writing reports for business/industry. Includes the organization of ideas and proposals and the preparation of reports and correspondence. It is strongly recommended that students take this course during their last semester of study. Prerequisite: Require a “C” or better in ENGL 1010 to enroll.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENSC 2000</td>
<td>Environmental Science</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>This course is an introduction to the relationship of man’s environment to his health. It includes a study of the physical and chemical hazards in the workplace, as well as a study of general environmental issues. Prerequisite: Eligible for ENGL 1010. [LCCN: CEVS 1103]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREN 1010</td>
<td>Elementary French I</td>
<td>Lecture</td>
<td>Lab 0</td>
<td>Credit 3</td>
</tr>
<tr>
<td></td>
<td>Introduces French language and culture and explores the basic grammatical structure of the French language. This course develops writing, reading, listening, and speaking skills, as well as appreciation for the geography, food, music, values, and customs of the Francophone world. Prerequisite: Eligible for ENGL 1010. [LCCN: CFRN 1013]</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FREN 1020. Elementary French II  
*Lecture 3, Lab 0, Credit 3*  
Extends elementary knowledge of the basic grammatical structure of the French language and the culture. This course continues to develop reading, writing, listening, and speaking skills, and appreciation for the geography, food, music, values, and customs of the Francophone world. Prerequisite: “C” or higher in FREN 1010. [LCCN: CFRN 1023]

FRTY 1111. Introduction to Forest Technology  
*Lecture 3, Lab 0, Credit 3*  
An introductory course to familiarize the students with terms and objectives of the Forest Technology course, possible employment opportunities available upon graduation, and acquire knowledge of the forest industry in general and Louisiana in particular.

FRTY 1120. Dendrology  
*Lecture 3, Lab 3, Credit 6*  
This course consists of the specifics on how trees grow, their reproductive methods, and scientific methods of identification. This includes field identification of woody plants such as trees and vines from the use of the leaves, twigs, bark, flowers and fruit.

FRTY 1210. Forestry Surveying  
*Lecture 2, Lab 3, Credit 5*  
An introductory course designed to show the students various ways of surveyingtracts of land. Methods include transit and compass and pacing methods of distance and acreage determinations. *(WE)*

FRTY 1310. Silviculture  
*Lecture 3, Lab 3, Credit 6*  
Describes value of forest management and various methods of establishing, maintaining, and harvesting forest resources. Field laboratories are conducted to apply the various methods of establishing and maintaining forest resources. Prerequisite: FRTY 1120

FRTY 1330. Timber Harvesting  
*Lecture 2, Lab 2, Credit 4*  
The various methods and reasons for choosing a harvesting system are discussed along with environmental impacts on the sites utilizing the Best Management Practices (BMP) for Forestry. Laboratory field trips are taken to harvesting operations for first hand observation and study.

FRTY 2410. Forestry Products  
*Lecture 1, Lab 1, Credit 2*  
An introductory course to the forest products manufactured in Louisiana, the processes utilized in their manufacturing, and the identification of wood utilized in these manufacturing processes. Prerequisite: FRTY 1120

FRTY 2420. Introduction to Global Information Systems and Global Positioning Systems  
*Lecture 2, Lab 1, Credit 3*  
The student will be introduced to computer systems software associated with Geography Information Systems as utilized in forestry applications, use of the Internet for downloading images, and the methods of inputting and manipulating data in a GIS environment. The student will learn to take field Global Positioning Satellite data and interface that data with GIS. Prerequisite: ITEC 1000

FRTY 2510. Forest Insects and Diseases  
*Lecture 2, Lab 1, Credit 3*  
The major insects, diseases and other pests of the Southern forest tree species are studied along with any control methods. Laboratory field trips are taken to observe forest infestations and damage.
FRTY 2520. Forest Mensuration I
Lecture 2, Lab 1, Credit 3
This first course of two includes the collecting and processing of forest measurements in order to make wise economic and environmental choices for forest land. In field laboratories, the student learns to use specific equipment for measuring trees and logs in the forest environment; how to record and process the data collected; and the theory behind methodology used to collect and process the data. (WE)

FRTY 2610. Forest Mensuration II
Lecture 3, Lab 3, Credit 6
This course is the second part of Forest Mensuration and is a continuation of collecting and processing of forest measurements; the sampling of forested tracts using plotless cruising (point sampling), strip cruising and plot cruising; and application of mathematical calculations to expand the sample data into an estimated population. The calculations are made utilizing calculators and computers. Stand tables are constructed based upon sample data collected. Written presentations of timber stand location and data are prepared. Prerequisite: FRTY 2520

FRTY 2620. Reforestation
Lecture 2, Lab 2, Credit 4
This course includes the study of various methods of natural and artificial reforestation; the criteria for choosing which method to use; the approximate costs establishment; and environmental factors associated with each method. Laboratory field trips to: industrial planting operations, forest seedling nursery forest seed processing facility, tree improvement orchard, industrial site preparation operations, and various natural regeneration locations. Prerequisites: FRTY 1111, 1120 (WE)

FRTY 2710. Prescribed Burning and Wildfire Control
Lecture 3, Lab 3, Credit 6
This course includes the various methods and procedures for wildfire control and prescribed burning including the weather and other climatic factors that affect fire behavior. Laboratories include hands-on fire line establishment and maintenance; dozer and fire plow operation and maintenance; prescribed burning of a donated tract of land; use and maintenance of hand firefighting equipment; and observation of industrial and governmental control burn applications. (WE)

FRTY 2720. Wildlife Habitat, Ecology and Game Management
Lecture 1, Lab 1, Credit 2
Included are the environmental factors that forests and wildlife need for proper growth and distribution. Included are the implications that particular forest management choices have on the ecology of the forest.

FRTY 2991. Special Projects I
Lecture 0, Lab 1, Credit 1
A course designed for the student who has demonstrated specific special needs.

FRTY 2993. Special Projects II
Lecture 0, Lab 2, Credit 2
A course designed for the student who has demonstrated specific special needs.

FRTY 2995. Special Projects III
Lecture 0, Lab 3, Credit 3
A course designed for the student who has demonstrated specific special needs.

FRTY 2996. Special Projects IV
Lecture 3, Lab 0, Credit 3
A course designed for the student who has demonstrated specific special needs.
FRTY 2997. Practicum  
*Lecture 0, Lab 3, Credit 3*  
A Practicum provides supervised on-the-job work experience related to the student’s education objectives. Students participating in Practicum do not receive compensation. Prerequisites: Consent of instructor

FRTY 2999. Cooperative Education  
*Lecture 0, Lab 3, Credit 3*  
Cooperative Education provides supervised on-the-job work experience related to the student’s educational objectives. Students participating in Cooperative Education receive compensation for their work.

GAEC 1100. Introduction to Electrician Apprenticeship  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover introductory related information for the Electrician apprentice plan of study. The areas covered include career opportunities in the electrician industry and responsibilities and attitudes required for a successful career in the electrician industry, introductory basics to conduit fabrication, introductory to wiring devices, and an introductory to the National Electrical Code.

GAEC 1110. Job Safety & Health  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover job safety and health issues related to the Electrician apprentice plan of study. The course covers job safety and health hazards, OSHA laws and employee and employer rights and responsibilities in accident prevention. Prerequisite: GAEC 1100.

GAEC 1120. Apprentice Trade Related Mathematics  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover mathematical principles and concepts related to electrical trades. The course covers basic mathematical concepts of whole numbers and fraction usage, simultaneous equations, vectors, geometry, and trigonometry. Prerequisite: GAEC 1110.

GAEC 1130. Apprentice Trade Technology Part I  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover first year electrical trade technology concepts. Concepts covered include all aspects of basic direct current theory and blueprint reading for electricians. Prerequisite: GAEC 1120.

GAEC 1200. Apprentice Trade Related Science  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover general knowledge and use of test instruments and the National Electrical Code book. Prerequisite: GAEC 1130.

GAEC 1210. Apprentice Trade Technology Part II  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover second year part one electrical trade technology concepts. Concepts covered include all aspects of basic alternating current (AC) theory, a continuation of blueprint reading and conduit fabrication. Prerequisite: GAEC 1200.

GAEC 1220. Customer Service in the Trade Area  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover local union by-laws, the IBEW constitution, sexual harassment, avoiding the hazards of drug abuse, and additional safety concerns. Prerequisite: GAEC 1210.

GAEC 1230. Apprentice Trade Technology Part III  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover second year part two electrical trade technology concepts.
Concepts covered include additional aspects of basic alternating current (AC) theory, the basics of transformers, additional code calculations, and additional code practices. Prerequisite: GAEC 1220.

**GAEC 1300. Apprentice Trade Technology Part IV**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover third year part one electrical trade technology concepts. Concepts covered include direct current (DC) theory, semiconductors, installer/technician understanding the RF system, and installer/technician CCTV. Prerequisite: GAEC 1230.

**GAEC 2100. Apprentice Trade Technology Part V**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover third year part two electrical trade technology concepts. Concepts covered include advanced residential technology, installer/technician sound reinforcement systems, installer/technician job information, and installer/technician nurse call systems. Prerequisite: GAEC 1300.

**GAEC 2200. Apprentice Trade Technology Part VI**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover fourth year part one electrical trade technology concepts. Concepts covered include lightning protection, motors, motor controls, test instruments application, and lighting essentials. Prerequisite: GAEC 2100.

**GAEC 2210. Apprentice Trade Technology Part VII**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover fourth year part two electrical trade technology concepts. Concepts covered include additional motor controls, digital electronics, programmable logic controllers, building automation, control devices and applications, hazardous locations, and additional code and practices. Prerequisite: GAEC 2200.

**GAEC 2300. Apprentice Trade Technology Part VIII**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover fifth year part one electrical trade technology concepts. Concepts covered include fire alarm systems, instrumentation and security systems. Prerequisite: GAEC 2210.

**GAEC 2310. Apprentice Trade Technology Part IX**
*Lecture 5, Lab 0, Credit 5*
This course is designed to cover fifth year part two electrical trade technology concepts. Concepts covered include power quality/distributed generation, photovoltaic systems, building automation: system integration with open protocols, health care, and codes and practices parts 4 and 5. Prerequisite: GAEC 2300.

**GAPC 1100. Introduction to Plumbing Apprenticeship**
*Lecture 3, Lab 0, Credit 3*
This course is designed to cover introductory related information for the plumber apprentice plan of study. The areas covered include career opportunities in the pipe trades industry and responsibilities and attitudes required for a successful career in the pipe trades industry.

**GAPC 1110. Job Safety & Health**
*Lecture 2, Lab 0, Credit 2*
This course is designed to cover job safety and health issues related to the Pipefitter, Plumber, or HVAC apprentice plan of study. The course covers job safety and health hazards, OSHA laws, and employee and employer rights and responsibilities in accident prevention. Prerequisite: GAPC 1100.
GAPC 1120. Apprentice Trade Related Mathematics  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover mathematical principles and concepts related to pipe trades. The course covers basic mathematical concepts, formulas used in the pipe trades industry, pipe measurements, and metric measurements. Prerequisite: GAPC 1110.

GAPC 1130. Apprentice Trade Technology Part I  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover first year pipe trades technology concepts. Concepts covered include all aspects of basic electricity and the use and care of tools. Prerequisite: GAPC 1120.

GAPC 1200. Apprentice Trade Technology Part II  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover basic science principles and concepts related to pipe trades. Prerequisite: GAPC 1130.

GAPC 1210. Apprentice Trade Technology Part III  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover the soldering and brazing methods used in the preparation and joining of the cup type copper tube joint. Prerequisite: GAPC 1200.

GAPC 1220. Customer Service in the Trade Area  
*Lecture 2, Lab 0, Credit 2*  
This course is designed to cover the basic principles of service work including human relations, salesmanship and how to plan service work. Prerequisite: GAPC 1210.

GAPC 1230. Apprentice Trade Technology Part IV  
*Lecture 3, Lab 0, Credit 3*  
This course is designed to cover second year part two pipe trades technology concepts. Concepts covered include pipe, fittings, valves, supports and fasteners. Prerequisite: GAPC 1220.

GAPC 1300. Apprentice Trade Technology Part V  
*Lecture 5, Lab 0, Credit 5*  
This course is designed to cover third year part one pipe trades technology concepts. Concepts covered include oxy-fuel cutting and welding, shielded metal-arc welding and water supply systems. Prerequisite: GAPC 1230.

GAPC 2100. Apprentice Trade Technology Part VI  
*Lecture 5, Lab 0, Credit 5*  
This course is designed to cover third year part two pipe trades-plumber technology concepts. Concepts covered include a continuation of oxy-fuel cutting and welding and shielded metal-arc welding and drainage systems. Prerequisite: GAPC 1300.

GAPC 2200. Apprentice Trade Technology Part VII  
*Lecture 5, Lab 0, Credit 5*  
This course is designed to cover fourth year part one pipe trades technology concepts. Concepts covered include a continuation of oxy-fuel cutting and welding and shielded metal-arc welding, as well as drawing interpretation and plan reading. Prerequisite: GAPC 2100.

GAPC 2210. Apprentice Trade Technology Part VIII  
*Lecture 5, Lab 0, Credit 5*  
This course is designed to cover fourth year part two pipe trades-plumber technology concepts.
Concepts covered include a continuation of oxy-fuel cutting and welding and shielded metal-arc welding, as well as plumbing fixtures and appliances. Prerequisite: GAPC 2200.

GAPC 2300. Apprentice Trade Technology Part IX
Lecture 5, Lab 0, Credit 5
This course is designed to cover fifth year part one pipe trades-Plumber technology concepts. Concepts covered include a continuation of oxy-fuel cutting and welding and shielded metal-arc welding, as well as plumbing code interpretation. Prerequisite: GAPC 2210.

GAPC 2310. Apprentice Trade Technology Part X
Lecture 5, Lab 0, Credit 5
This course is designed to cover fifth year part two pipe trades-plumber technology concepts. Concepts covered include preparation for cross connection prevention certification and medical gas certification. Prerequisite: GAPC 2300.

GART 1010. Orientation to Graphic Communication
Lecture 1, Lab 1, Credit 2
This course provides the student with the basic principles, terminology, guidelines, methods and systems necessary to solve graphic design problems. Students will be introduced to various careers in the graphic design industry and learn classroom policy, procedure and safety. (WE)

GART 1015. Orientation to Media Communication
Lecture 1, Lab 1, Credit 2
This course provides the student with the basic principles, terminology, guidelines, methods and systems necessary to solve media communication problems. Students will be introduced to various careers in the media communications industry and learn classroom policy, procedure and safety.

GART 1020. Graphic Illustration
Lecture 1, Lab 2, Credit 3
In this course the students will experience drawing with various media. Students learn how to prepare materials and still life arrangements, working with foundation lines and incorporating more complex lighting, shading, depth, value and color techniques.

GART 1030. Photography I
Lecture 1, Lab 2, Credit 3
Students will create photographic images and become familiar with the various aspects of photography, including subject matter, concept development, contrast, composition, meaning, cropping, lighting, emotional impact and message. An SLR 35mm camera or digital equivalent is required.

GART 1035. Sound Design
Lecture 1, Lab 2, Credit 3
This course explores the concepts of sound recording and production. Students will work with Avid Pro Tools and various DAW programs, execute work with knowledge of the basics of sound frequencies and compression, and will work with multiple projects that require proper sound recording techniques.

GART 1040. Vector Graphics
Lecture 1, Lab 2, Credit 3
In this course students will learn to create vector art for illustrations, logos, and other graphics for print or the Web. Students will learn to work efficiently in the Adobe Illustrator environment with various modes, panels, and settings. Prerequisite: Eligible for ENGL 1010 or Special Approval.

GART 1210. Desktop Publishing
Lecture 1, Lab 2, Credit 3
In this course students will learn to structure and layout print projects such as menus, brochures, reports, and magazines.
The course covers a range of technical essentials including master pages, importing and manipulating objects, controlling text flow and style, and adding effects such as transparency, drop shadow, and feathering. Prerequisite: GART 1040.

GART 1220. Advertising Theory
Lecture 1, Lab 2, Credit 3

In this course the student will learn to put together a marketing plan and execute via traditional and non-traditional media. Students will be responsible for demographic research of various products and services.

GART 1225. Journalism
Lecture 1, Lab 2, Credit 3

In this course, students will learn the basics of journalism and speech presentation. Students will execute news, script, copywriting, investigative journalism, speech and personality techniques as it pertains to presenting before an audience. Prerequisite: ENGL 1010.

GART 1230. Design I
Lecture 1, Lab 2, Credit 3

In this course the student will learn the fundamentals of being a designer. The course will cover color theory, design, typography, and the elements and principles of design. Upon completion the student will have a good understanding of executing professional graphic designs. Prerequisite: GART 1040. (WE)

GART 1240. Raster Graphics I
Lecture 1, Lab 2, Credit 3

This course gives students experience in silhouetting, exposure correction, retouching, layering, typography, and image composites in Adobe Photoshop. The student will learn how to make high-quality selections and edits, using an efficient imaging workflow.

GART 2110. Videography I
Lecture 1, Lab 2, Credit 3

This course introduces the student to the terminology, principles and practices of videography.

The student will learn to differentiate between good and bad video, learn basic production techniques, non-linear editing, creative lighting methods and field camera operation.

GART 2120. Animation
Lecture 1, Lab 2, Credit 3

In this course, students will use After Effects to create motion graphics, key out color using green/blue screen techniques, motion tracking, and composition video and animation. There will be a focus on key framing, masking and using alpha channels. Projects include animated logos, titles, and rendering for broadcast. Prerequisites: GART 1040; GART 1240.

GART 2125. New Media Publishing
Lecture 1, Lab 2, Credit 3

In this course, students will learn how to properly execute projects in an ever-changing social media market. Students will participate in various aspects of publishing through social media such as: podcasts, YouTube submissions, online vlogs, and advertising through multiple social media outlets. Prerequisite: GART 1015.

GART 2130. Design II
Lecture 1, Lab 2, Credit 3

In this course the student will focus more on real-world design as a base study to their course work. By using industry standard programs the student will study designs and understand the mechanics and theory by which it was created. Corequisites: GART 2500. Prerequisite GART 1230

GART 2140. Raster Graphics II
Lecture 1, Lab 2, Credit 3

In this course the student will continue their studies into Adobe Photoshop. Advanced skills would include creating compositions for advertising and the arts. Some projects would include website interfaces, billboards, flyers, brochures, just to name a few. Prerequisite: GART 1230; GART 1240.
GART 2145. Introduction to Broadcasting  
*Lecture 1, Lab 2, Credit 3*  
In this course, students will learn the basics and history of broadcast media. Students will execute in radio and television scenarios while learning industry standards and requirements as it pertains to broadcasting, radio, television, and internet. Prerequisite: GART 1035 and GART 2110.

GART 2210. Web Site Design  
*Lecture 1, Lab 2, Credit 3*  
Students will learn to develop a web site using industry standard software. Students will create the web site by creating a story board, using advanced presentation techniques and combining layout and design skills. Prerequisites: GART 1040; GART 1240. Corequisite: GART 2500 or Special Approval. (WE)

GART 2230. Photography II  
*Lecture 1, Lab 2, Credit 3*  
Students are introduced to digital photography and explore software programs that adjust and manipulate photographs. Prerequisites: GART 1030; GART 1240.

GART 2240. Videography II  
*Lecture 1, Lab 2, Credit 3*  
Students will master camera image controls, study the aesthetics of composition, gain an understanding of the importance of lighting, produce an aesthetically thematic and logical video product (with music tracks, voice over, graphics and titling) and explore occupational opportunities in the video industry. Prerequisites: GART 2110.

GART 2250. Agency  
*Lecture 1, Lab 2, Credit 3*  
In this course the student will gain real-world experience by working on various jobs in the true schedule of the advertising industry. Students will be appointed various tasks in relation to a graphic designer, creative director, or account executive. Prerequisite: GART 1230.

GART 2260. Special Projects  
*Lecture 1, Lab 2, Credit 3*  
Internship. Prerequisite: Special Approval.

GART 2500. Portfolio Preparation  
*Lecture 0, Lab 1, Credit 1*  
Students receive individual art direction for both required and elective pieces. Work is evaluated and refined to meet top industry standards. Students will present their portfolio to a panel of instructors and industry representatives. Corequisite: GART 2210 or Special Approval.

GEOG 2010. Physical Geography  
*Lecture 3, Lab 0, Credit 3*  
Includes a study of the earth’s atmospheric energy; air, wind, and atmospheric moisture; weather and climate; oceans and river systems; tectonics; erosion and deposition including karst, glacial, eolian, desert, and coastal landscapes; ecosystems and biomes. Prerequisite: Eligible for ENGL 1010. [LCCN: CGEG 2213]

GEOG 2110. Human Geography  
*Lecture 3, Lab 0, Credit 3*  
Concepts, themes, and techniques of cultural geography; includes politics, language, religion, urbanization, agriculture, environmentalism, and social problems. Prerequisite: Be eligible for ENGL 1010. [LCCN: CGRG 2013]

GEOG 2215. Geography of Louisiana  
*Lecture 3, Lab 0, Credit 3*  
The course is a study of the physical geography and the natural resources of Louisiana as well as the people in terms of their cultural backgrounds, settlement patterns, and regional economics. Prerequisite: Eligible for ENGL 1010.

HIST 1010. Western Civilization I  
*Lecture 3, Lab 0, Credit 3*  
This course is a survey of western civilization from ancient times to the Reformation era. Prerequisite: Eligible for ENGL 1010. [LCCN: CHIS 1013]
HIST 1020. Western Civilization II
Lecture 3, Lab 0, Credit 3
This course is a survey of western civilization from the Reformation era to the present. Prerequisite: Eligible for ENGL 1010. [LCCN: CHIS 1023]

HIST 1210. World Civilization I
Lecture 3, Lab 0, Credit 3
This course is a survey of major civilizations of the world before 1500 and emphasizes interactions among these civilizations and their influences on each other. Prerequisite: Eligible for ENGL 1010. [LCCN: CHIS 1113]

HIST 1220. World Civilization II
Lecture 3, Lab 0, Credit 3
This course is a survey of major civilizations of the world from 1500 to the present. Prerequisite: Eligible for ENGL 1010. [LCCN: CHIS 1123]

HIST 2010. American History I
Lecture 3, Lab 0, Credit 3
A survey of American history to 1877. Prerequisite: Eligible for ENGL 1010 or permission of the School Dean. [LCCN: CHIS 2013]

HIST 2020. American History II
Lecture 3, Lab 0, Credit 3
A survey of American history from 1877 to present. Prerequisite: Eligible for ENGL 1010 or permission of the School Dean. [LCCN: CHIS 2023]

HIST 2100. History of Louisiana
Lecture 3, Lab 0, Credit 3
Topics in this course include discovery and exploration, French and Spanish colonial administration, early American period and emergence as a state, emergence of modern Louisiana. Prerequisite: Eligible for ENGL 1010. [LCCN: CHIS 2033]

HORT 1000. Horticulture Lab I
Lecture 0, Lab 3, Credit 3
This lab offers the hands-on experience to complement horticultural practices which are seasonal.
This lab is critical to tie in certain duties with their corresponding seasons and course work.

HOSP 1000. Hospitality Management
Lecture 3, Lab 0, Credit 3
This course presents an overview of the hospitality industry including lodging, restaurants, food and beverage operations, tourism and recreation, and other operational areas within the industry. Special emphasis will be place on the hospitality industry in Southwest Louisiana.

HOSP 1010. Resort Operations
Lecture 3, Lab 0, Credit 3
This course offers an overview of the operation of resort properties. Various types of resorts will be examined, as well as the planning, development, management, marketing, and financial aspects of the resort business. Special emphasis will be given to responsible vendor training.

INST 1010. Introduction to Instrumentation
Lecture 2, Lab 1, Credit 3
An introductory course providing an occupational analysis of job descriptions, working conditions, employment opportunities, certification requirements, and safety considerations in the classroom and for those employed in the field of industrial instrumentation. Also included are measurement devices, control devices, control loops, lockout tag-out, as well as P&ID symbolology and loop sheets. (WE)
INST 1111. Fundamentals of Electricity/Electronics
Lecture 3, Lab 1, Credit 4
An introduction to the concept of DC/AC electronics on Ohm's Law, series, series-parallel, and parallel circuits. To include the concepts of inductive and capacitive reactance, time constants, impedance, meters, magnetic relay, and solenoid principles. Prerequisite: Eligible for ENGL 0099.

INST 1112. Fundamentals of Semiconductors/Circuits
Lecture 3, Lab 1, Credit 4
An introduction to solid-state components and electronic circuits. The individual will gain knowledge on diodes, transistors, thermistors, and optical devices. To include power supplies, amplifier circuits, amplifier coupling and phase splitters. Prerequisite: INST 1111. (WE)

INST 1310. Pressure and Level Measurement
Lecture 3, Lab 1, Credit 4
An introduction to the concepts of pressure and level measurement, calculations and sensing devices. The student will calibrate, troubleshoot and repair/replace pressure and level indicators, recorders, transmitters, and transducers. Prerequisite: INST 1010.

INST 1410. Flow and Final Control Elements
Lecture 3, Lab 1, Credit 4
This course includes instruction in performing flow measurement calculations and conversions, procedures for using flow sensing devices, calibrating, troubleshooting and repair/replacing flow indicators, recorders, transmitters, transducers, and relays. Also included are the principles of final element operation and relates actuators, positioners and control valves to their function as the last system element in a process control loop. Prerequisite: INST 1010.

INST 2420. Industrial Control Systems
Lecture 3, Lab 1, Credit 4
Course instruction includes the principles of operation, maintenance, troubleshooting, and repair of pneumatic, electronic, and digital controllers along with instruments that are found in a typical control loop. Also, process measurement and control using computers and microprocessor based control systems will be covered. Students will be introduced to various distributed control systems including the use of field bus and tuning methods in control systems. Prerequisite: INST 1010.

INST 2722. Introduction to Programmable Logic Controllers
Lecture 3, Lab 1, Credit 4
An introduction to Microprocessors, PLC types, theory, applications, operations, documentation and number systems as they relate to PLC operation. The student will also be introduced to PLC programming. Prerequisite: INST 1111.

INST 2732. Temperature and Analytical Measurement
Lecture 2, Lab 1, Credit 3
An introduction to the concepts of temperature measurement calculations, conversions and operating principles of temperature sensing devices. Troubleshooting, calibration and repair/replacement of electronic and pneumatic temperature sensing devices is also covered. The student will also be introduced to principles of liquid and gas analysis, as well as pH, conductivity, and ORP measurement. Prerequisite: INST 1010.

INST 2812. Advanced Programmable Logic Controllers
Lecture 3, Lab 1, Credit 4
An advanced programmable logic control course that covers the programming, testing, and troubleshooting of specific programmable logic control applications. Also included are the design
and installation aspects of PLC’s as they relate to industrial settings. Prerequisites: INST 2722 and ELEC 1220. (WE)

**ITEC 1000. Application Basics**  
* Lecture 3, Lab 0, Credit 3  
This course offers a hands-on approach in the use of microcomputer applications including spreadsheets, word processing, presentation concepts. ITEC 1000 and OADM 1150 are considered to be equivalent courses to satisfy the degree requirements. Duplicate credit for these courses will not be given. [LCCN: CBUS 2203]

**ITEC 1001. Keyboarding**  
* Lecture 3, Lab 0, Credit 3  
Introduction to basic keyboarding terminology and practice. Emphasis is placed on speed, accuracy, and correct technique.

**ITEC 1005. IT Fundamentals**  
* Lecture 3, Lab 0, Credit 3  
Introduction to computer hardware, operating systems, Internet concepts, microcomputer applications, and security and ethical issues. No duplicate credit given for ITEC 1000.

**ITEC 1010. Web Site Development**  
* Lecture 3, Lab 0, Credit 3  
A comprehensive study of Internet concepts, terminology, connection practices, researching on, designing for and publishing on the Internet, as well as a brief study of the programming basics behind the creation of Web Pages using HTML and Dynamic HTML.

**ITEC 1015. E-Commerce Design**  
* Lecture 3, Lab 0, Credit 3  
This course teaches the student to build web pages that conform to business functions using various web languages such as HTML, DHTML, XML, Perl, VB Script, Java Script, and Active Server pages. The concepts of good practice and the Web will be taught as the fundamentals of developing web sites for e-commerce. Topics of the course include design of web hosting, data processing on the web, web marketing, e-commerce components, payment processing, security, and customer service. Prerequisites: ITEC 1010

**ITEC 1016. Problem Solving and Decision Making**  
* Lecture 3, Lab 0, Credit 3  
Students will learn essential problem-solving and decision-making skills. No prior computer experience is assumed. Students will become familiar with how to identify, define, and solve problems using different decision support tools. Group decision making and critical thinking will be emphasized. (WE)

**ITEC 1020. Advanced Web Site Development**  
* Lecture 3, Lab 0, Credit 3  
A study in the prevailing language in internet programming. Advanced topics will include, web development, including database programming, communications, and on-line form activity. Prerequisites: ITEC 1010

**ITEC 1100. IT Essentials: PC Hardware and Software**  
* Lecture 3, Lab 0, Credit 3  
Students completing this course will be able describe the internal components of a computer, understand operating system installation and configuration, connect computers to networks and share resources in a networked environment. The course is also designed to prepare students for entry-level IT positions as well as help prepare students for the industry standard CompTIA A+ Essentials and job-skills exams. Corequisite: ITEC 1101.

**ITEC 1101. IT Essentials: Lab for PC Hardware and Software**  
* Lecture 0, Lab 1, Credit 1  
Laboratory investigations including disassembly and assembly of personal computer, installation of peripheral devices, installation of operating systems, troubleshooting using system and diagnostic tools, patch cable construction and testing. Corequisite: ITEC 1100.
ITEC 1200. Operating Systems  
*Lecture 3, Lab 1, Credit 4*  
A hands-on study of operating systems which prepares students for an industry-based certification such as the MTA examination. The course includes the installation and administration of a network operating system as well as troubleshooting and optimizing techniques.

ITEC 1210. Introduction to Programming  
*Lecture 3, Lab 0, Credit 3*  
This course introduces computer programming and problem solving in a structured environment utilizing a basic programming language. Topics include logic, variables, constants, input/output, sequence structure, selection structure, repetition structure, pseudocode, and algorithms. (WE)

ITEC 1250. Programming Language I  
*Lecture 3, Lab 0, Credit 3*  
This course teaches both the fundamental concepts of a computer programming language and how to code executable instructions in the language for creating and/or modifying software programs, script, or other sets of instructions for execution on multiple platforms such as computers or mobile devices.

ITEC 1320. Introduction to Database Management  
*Lecture 3, Lab 0, Credit 3*  
A comprehensive study and hands-on approach to database management using tables, queries, forms, and reports to facilitate the development, manipulation, and reporting of data in an information system.

ITEC 1500. Network Pro  
*Lecture 3, Lab 0, Credit 3*  
In this course the student will learn how to install networking hardware, configure a small office/home office (SOHO) network, and connect mobile and desktop devices to a network. Through lessons, demonstrations, and exams, as well as hands-on labs and videos, will give the student real experience in networking. The course prepares the student for the following industry certifications: TestOut Network Pro certification and CompTIA Network+(N10-005) certification.

ITEC 1531. Introduction to C Programming  
*Lecture 3, Lab 0, Credit 3*  
Students are introduced to programming concepts and techniques using the C language. Upon completion, students should have the ability to write a wide variety of programs using the C language. Intensive hands-on applications. Prerequisites: ITEC 1210

ITEC 1532. Advanced C Programming  
*Lecture 3, Lab 0, Credit 3*  
A study of advanced programming concepts such as arrays, class inheritance, constructors, exception handling, GUI interface, etc. Prerequisites: ITEC 1531.

ITEC 1550. Introduction to Visual Basic  
*Lecture 3, Lab 0, Credit 3*  
An introduction to the Visual Basic environment. Concentration on basic syntax, object definition, screen layout, and selection and repetition structures. Prerequisites: ITEC 1210, or Special Approval.

ITEC 1570. Programming with VBA  
*Lecture 3, Lab 0, Credit 3*  
This course teaches application programming with Visual Basic for Applications. Prerequisites: ITEC 1210, ITEC 1320.

ITEC 1571. Introduction to Java  
*Lecture 3, Lab 0, Credit 3*  
A study of logic structure, arrays, database handling, file connectivity, and various advanced features using Java programming Language. Prerequisites: ITEC 1210.

ITEC 1581. Introduction to Oracle  
*Lecture 3, Lab 0, Credit 3*  
A study of client/server databases and Oracle database architecture. Includes a hands-on study of
creating and modifying database tables, performing queries, and creating forms, reports, and graphics.

ITEC 1610. Introduction to Game Programming
Lecture 3, Lab 0, Credit 3

Introduction to Game Programming is the first part of a first-year crash course covering the basics of game programming. Students will learn to program 2D and 3D games using Visual Basic and Windows API (Application Programming Interface). This first-year course will give students some experience writing several complete games in 2D and 3D. Prerequisites: ITEC 1210.

ITEC 1620. Advanced Game Programming
Lecture 3, Lab 0, Credit 3

Advanced Game Programming is a continuation of the study of game programming. It includes concepts such as Direct API used for drawing, input, sound and music. Prerequisites: ITEC 1610.

ITEC 1800. Unix/Linux OS
Lecture 3, Lab 0, Credit 3

A study of the Unix and Linux operating systems, including topics of Installations, configurations, troubleshooting, optimizing, and administration. Focus on adding users and group and access rights along with user permissions and login authorizations, and hardware replacements and driver installations.

ITEC 1820. Linux+
Lecture 3, Lab 1, Credit 4

A study of the Linux operating system including topics of installation, configuration, troubleshooting and administration. This course prepares the student to pass the two exams required for both the Linux+ and the LPIC-1 certifications (passing both exams gets both certifications). Note: After passing the Linux+ exams, the student must elect to forward the exam information from CompTIA to LPI to obtain the LPIC-1 credential. The Linux+ certification qualifies the student to be a level 1 (junior) Linux administrator and is also useful for any desktop administrator who needs a basic understanding of Linux administration.

This course may be used as a substitute for ITEC 1200. Prerequisites: ITEC 1500 or ITEC 1100 and ITEC 1101.

ITEC 2010. MCSE 2-Windows Server
Lecture 3, Lab 1, Credit 4

This course is designed to provide students with the background necessary to plan, install, configure, manage, and troubleshoot a Windows Server as a member server in an Active directory environment.

ITEC 2020. MCSE 3-Windows Network
Lecture 3, Lab 1, Credit 4

This course is designed to provide students with the background necessary to install, manage, monitor, configure, and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP Routing, and WINS in a Windows network infrastructure. Prerequisites: ITEC 1100.

ITEC 2030. MCSE 4-Windows Directory Services Administration
Lecture 3, Lab 1, Credit 4

This course is designed to provide students with the background necessary to install, configure, and troubleshoot the Windows Active Directory components, DNS for Active Directory, and Active Directory security solutions. Prerequisites: ITEC 2010.

ITEC 2040. MCSE Core/Elective
(Designing a MS Windows...)
Lecture 3, Lab 1, Credit 4

This course is designed to provide students with the background necessary to analyze the business requirements and design a directory service architecture, including: Unified directory services such as Active Directory and Windows NT domains; connectivity between and within systems, system components, and applications;
data replication such as directory replication and database replication. Prerequisites: ITEC 2030.

**ITEC 2050. Cloud Computing**  
*Lecture 3, Lab 0, Credit 3*

This course provides a general understanding of the cloud and concepts associated with it. It covers benefits that drive cloud adoptions, technologies and concepts that come together to create a cloud environment, cloud deployment models, design principles, reliability and availability, security models, and the efficiency and cost of cloud services.

**ITEC 2060. Virtualization and Instances**  
*Lecture 3, Lab 0, Credit 3*

This course teaches students to implement and support virtualization of clients and servers in a networked computing environment. Students will explore installation (instances), configuration, and management of computer virtualization workstations and servers.

**ITEC 2090. Installing, Configuring & Administration of MS**  
*Lecture 3, Lab 1, Credit 4*

This course teaches students, through lectures, discussions, demonstrations, and lab exercises, the skills and knowledge necessary to install, configure, optimize and administer a Microsoft Exchange Server and to prepare the Microsoft Exchange Server Administrator certification. Additional topics of scheduled backup, disaster recovery planning, and scaling for the enterprise. Prerequisites: ITEC 2030.

**ITEC 2110. Introduction to Networks.**  
*Lecture 3, Lab 1, Credit 4*

This course covers networking architecture, structure, functions, and components of the Internet and other computer networks. Students achieve a basic understanding of how networks operate and how to build simple local area networks (LAN), perform basic configurations for routers and switches, and implement Internet Protocol (IP).

**ITEC 2120. Routing and Switching Essentials**  
*Lecture 3, Lab 1, Credit 4*

This course covers the architecture, components, and operations of routers and switches in small networks and introduces wireless local area networks (WLAN) and security concepts. Students learn how to configure and troubleshoot routers and switches for advanced functionality using security best practices and to resolve common issues with protocols in both IPv4 and IPv6 networks. Prerequisite: ITEC 2110.

**ITEC 2125. Health Information Networking**  
*Lecture 3, Lab 0, Credit 3*

This course is designed to introduce students to IT fundamentals for medical groups and include basic information on healthcare environments, fundamentals of electronic health record systems, and designing, securing, and troubleshooting a network to support healthcare organizations. Prerequisite: ITEC 2120 or equivalent industry experience.

**ITEC 2130. Scaling Networks**  
*Lecture 3, Lab 1, Credit 4*

Scaling Networks covers VTP, extended VLANS and DTP, troubleshooting Multi-VLANs, switch stacking, implementing HSRP and troubleshooting Multi-area OSPF protocols. Prerequisite: ITEC 2120

**ITEC 2140. Connecting Networks**  
*Lecture 3, Lab 1, Credit 4*

Connecting Networks covers WAN topologies and DMVPN, implementation of PPPoE and eBGP, troubleshooting IPv6 ACL, LAN security best practices, SNMPv3 configuration, quality of service, cloud and virtualization. Prerequisite: ITEC 2130

**ITEC 2230. Introduction to SQL**  
*Lecture 3, Lab 0, Credit 3*

An extensive programming course using SQL in many different environments including Access, Oracle, Informix, and DBV. The use of data
modeling and SQL commands will be observed as the standard of programming in SQL. Server applications and Server SQL programming will be observed during the course. Software includes MS SQL Server, Oracle, Informix and DBV. Prerequisite: ITEC 1000.

ITEC 2270. Advanced Spreadsheet Development
Lecture 3, Lab 0, Credit 3

This is a comprehensive course focusing on the most currently used spreadsheet package used in business and industry. It is a concentrated course on basic spreadsheet creation, formulas, charts, macros, database function, and programming using Visual Basic for Applications (VBA). Prerequisite: ITEC 1000.

ITEC 2450. Advanced Visual Basic
Lecture 3, Lab 0, Credit 3

A study of custom controls, toolbars, file handling, database referencing and other advanced features of the Visual Basic programming language. Prerequisite: ITEC 1550.

ITEC 2500. Programming Language II
Lecture 3, Lab 0, Credit 3

This course is a continuation of Programming Language I. In this course students will learn advanced software coding, data implementation, testing, debugging, and how to assure efficient execution of programs in its environment. Prerequisites: ITEC 1250 or Special Approval. Corequisites: None.

ITEC 2570. Advanced JAVA
Lecture 3, Lab 0, Credit 3

A study of logic structure, arrays, database handling, file connectivity, and various advanced features. Prerequisite: ITEC 1571.

ITEC 2650. Advanced Database Development
Lecture 3, Lab 0, Credit 3

A further study of database applications including advanced concepts such as action queries, switchboards, custom toolbars and menus, converting objects to html files, and hyperlinks. Prerequisite: ITEC 1320.

ITEC 2670. Networking Security
Lecture 3, Lab 0, Credit 3

This course teaches the basic networking security requirements needed in local area networking system and the wide area networking systems. It prepares the student for the certification such as the CompTIA Security + certification test. Topics include: Public Key/Private Key, basic hackers attacks and defends, firewall configurations, and future planning for securing the network. Prerequisite: ITEC 2110.

ITEC 2680. Security Pro
Lecture 3, Lab 1, Credit 4

The course will focus on the knowledge and the experience students need to enter the industry as an entry-level IT security administrator. The student will learn how to protect that network from a myriad of threats.

The goal is to prepare the student for certifications and give them the hands-on skills IT employers are seeking. Upon completion of this course, the student will be prepared to take any or all of three separate certification exams: TestOut’s Security Pro Certification exam, CompTIA’s Security+ exam (SYO-301), and (ISC)2’s SSCP exam. Prerequisites: ITEC 1100 and ITEC 1101, or Special Approval.

ITEC 2830. Voice and Data Cabling
Lecture 3, Lab 1, Credit 4

This course prepares the student for the Certification tests associated with Voice and Data Wiring and cabling. Topics include Levels and Categories of different types of wiring and Fiber Optics; terminations of copper wiring CAT 5, Fiber Optic terminations, Wiring closets, distributions, cable specifications, troubleshooting, and design of local areas to wide enterprising systems. Prerequisite: ITEC 1100.
ITEC 2840. Data Communications  
*Lecture 3, Lab 0, Credit 3*  
This course introduces concepts that help the student achieve an in-depth understanding of the often complex topic of data communications and computer networks by balancing the more technical aspects and the everyday practical aspects. It offers full coverage of wireless technologies, industry convergence, compression techniques, network security, LAN technologies, VoIP, and expanded coverage of error detection and correction.

ITEC 2911. IT Ethics & Career Development  
*Lecture 3, Lab 0, Credit 3*  
This course teaches the ethics and management techniques in the Information Technology arena and focuses on the methodologies of the IT professional as it relates to business and professional development.

ITEC 2993. Cloud Computing Internship  
*Lecture 0, Lab 3, Credit 3*  
This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval. *(WE)*

ITEC 2994. Software Internship  
*Lecture 0, Lab 3, Credit 3*  
This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval. *(WE)*

ITEC 2995. Networking Internship  
*Lecture 0, Lab 3, Credit 3*  
This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval. *(WE)*

ITEC 2998. Comprehensive Programming Project  
*Lecture 1, Lab 2, Credit 3*  
This course is taken toward the end of the student’s studies and provides career related work experience in the programming field at the campus or at an employer’s site under the supervision of a faculty member. Prerequisite: Special Approval.

ITEC 2999. Comprehensive Networking Project  
*Lecture 1, Lab 2, Credit 3*  
This course is taken toward the end of the student’s studies and provides career related work experience in the networking field at the campus or at an employer’s site under the supervision of a faculty member. Prerequisite: Special Approval.

JOBS 2450. Job Seeking Skills  
*Lecture 2, Lab 0, Credit 2*  
This course assists students in preparing appropriate documents for the job search process including cover letters, resumes, job applications, reference sheets, and follow-up correspondence. Proper grammar and effective word selection is emphasized. Students also participate in a structured interview. It is strongly recommended that students take this course during their last semester of study.

MATH 0098. Transitional Mathematics  
*Lecture 3, Lab 0, Credit 3*  
Basic operations of whole numbers, fractions, and decimals; basic operations of integers and rational numbers; ratios and proportions; percents; basic algebra concepts including linear equations. This is a skills improvement course that may not be used as credit for a certificate, diploma, or degree. Placement is based on ACT, ACCUPLACER, or SAT scores. A student who has satisfactorily completed MATH 0098 must enroll in MATH 0099 prior to enrolling in MATH 1100.

MATH 0099. Intermediate Algebra  
*Lecture 3, Lab 0, Credit 3*  
This course provides instruction that will enable students to acquire a better understanding of algebra, thus providing a foundation for College Algebra. Topics covered are linear equations, inequalities, polynomials, rational expressions,
graphs and functions, radicals, and quadratic equations. This is a skills improvement course that may not be used as credit for a certificate, diploma, or degree. Placement is based on ACT, ACCUPLACER, or SAT scores, or a grade of “C” or better in TSMA 0092 or MATH 0098.

**MATH 1000. Algebra for College Students**  
*Lecture 3, Lab 0, Credit 3*

Topics from algebra involving linear equations and inequalities; absolute value equations and inequalities; function properties and graphs to include linear, quadratic, exponential, and logarithmic functions. This course is designed to fulfill the mathematics component of the AAS degree for students in non-science curricula. Prerequisites: Math score of at least 19 on the ACT, an equivalent score on the ACCUPLACER, a “C” or better in MATH 0099. [LCCN: CMAT 1203]

**MATH 1020. Applied Trigonometry**  
*Lecture 3, Lab 0, Credit 3*

Topics include a review of geometry essentials, trigonometric functions and graphs, right triangles, vector resolution and oblique triangles. Prerequisite: “C” or better in MATH 1100.

**MATH 1100. College Algebra**  
*Lecture 3, Lab 0, Credit 3*

In-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, radical, exponential, and logarithmic functions and equations; systems of equations and inequalities. Prerequisite: Math score of at least 19 on the ACT, an equivalent score on the ACCUPLACER test, a “C” or better in MATH 0099 or MATH 1000. Recommended: Math score of at least 21 on the ACT or equivalent score on the ACCUPLACER or SAT. [LCCN: CMAT 1213]

**MATH 1105. Algebra and Trigonometry**  
*Lecture 5, Lab 0, Credit 5*

A one-semester, fast-track course for students intending to enroll in Calculus. Algebraic and trigonometric units including linear and quadratic equations and inequalities, radical and rational equations, complex numbers, graphing, functions, exponential and logarithmic functions, polynomial equations, systems of linear equations and inequalities, trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, vectors and polar coordinates. Duplicate credit may not be awarded for MATH 1100 or MATH 1110. Prerequisite: Math score of at least 22 on the Enhanced ACT. [LCCN: CMAT 1233]

**MATH 1110. Trigonometry**  
*Lecture 3, Lab 0, Credit 3*

Includes the study of trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, vectors and polar coordinates. Prerequisite: “C” or better in MATH 1100. [LCCN: CMAT 1223]

**MATH 1120. Precalculus Algebra**  
*Lecture 3, Lab 0, Credit 3*

Topics from advanced algebra to include real number properties, solutions of equations and inequalities, relations, functions, graphs, polynomial and rational functions, exponential and logarithmic functions, complex numbers, systems of equations, and the theory of equations. Prerequisite: “C” or better in MATH 1100 or a math score of 22 on the Enhanced ACT.

**MATH 1305. Finite Math**  
*Lecture 3, Lab 0, Credit 3*

Matrices with applications, linear programming, probability, mathematics of finance and trigonometry. Prerequisite: “C” or better in MATH 1000 or MATH 1100. [LCCN: CMAT 1313]

**MATH 2000. Contemporary Mathematics**  
*Lecture 3, Lab 0, Credit 3*

An introduction to contemporary mathematics. Topics will vary but may include finance,
perspective and symmetry in art, logic, probability and odds, graph theory, statistics, elementary number structure and theory, and numeracy in the real world. Prerequisite: “C” or better in MATH 1000 or MATH 1100. [LCCN: CMAT 1103]

MATH 2100. Elementary Statistics
Lecture 3, Lab 0, Credit 3
Calculation of simple probability in discreet and continuous variable cases. Descriptive statistics; measures of central tendency; binomial, Poisson and normal distributions. Testing hypotheses using normal deviate and t-statistics. Prerequisite: Require “C” or better in MATH 1000 or MATH 1100. [LCCN: CMAT 1303]

MATH 2200. Calculus for Non-Science Majors
Lecture 3, Lab 0, Credit 3
Limits and continuity of functions; differential and integral calculus; applications to business, economics, and social sciences including maxima, minima, optimization, marginal analysis, and exponential growth. Prerequisite: “C” or better in MATH 1110. [LCCN: CMAT 2103]

MATH 2500. Calculus I
Lecture 3, Lab 0, Credit 3
Limits and continuity of functions; the derivative; techniques of differentiation; Chain Rule; implicit differentiation; transcendental functions; applications of differentiation; concavity; relative extrema; optimization; antiderivatives; definite integrals; Fundamental Theorem of Calculus; area. Prerequisite: “C” or better in MATH 1110. [LCCN: CMA 2113]

MATH 2510. Calculus II
Lecture 3, Lab 0, Credit 3
Techniques of integration; applications of the integral; parametric equations; polar coordinates; infinite sequences and series; Taylor’s formula. Prerequisite: “C” or better in MATH 2500. [LCCN: CMAT 2123]

MEDL 1300. Medical Terminology
Lecture 3, Lab 0, Credit 3
An introduction of basic medical terms by use of prefixes, suffixes, and anatomical roots.

MEDL 1303. Introduction to Healthcare for Surgical Technology
Lecture 3, Lab 0, Credit 3
This is the initial orientation to the field of Surgical Technology. It introduces the student to the varying roles the surgical technologist and ancillary staff serve in patient care, the OR environment, cultural diversity, special populations, and effective communication & teamwork. Relevant biomedical science principles are discussed as they apply to the surgical field and operating room environment. Pre-requisites: ENGL 1010, MATH 1100, BIOL 2253, and BIOL 2251. Corequisite: MEDL 1300. (WE).

MEDL 1340. General Body Structure
Lecture 3, Lab 0, Credit 3
This course covers identification of the organs and basic functions of the human body and disorders as it relates to each system with medical terminology integrated with each.

MEDL 1360. Medical Coding Part 1
Lecture 3, Lab 0, Credit 3
Provides instruction in the application of the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) classification system for diagnosis coding and Procedure Coding System (ICD-10-PCS) coding procedures for inpatient procedure coding for all individuals covered by Health Insurance Portability Accountability Act (HIPAA). Prerequisite: MEDL 1300.

MEDL 1370. Medical Coding Part 2
Lecture 3, Lab 0, Credit 3
SOWELA Technical Community College

and a continuation of the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) classification system for diagnosis coding and Procedure Coding System (ICD-10-PCS) coding procedures for inpatient procedure coding for all individuals covered by Health Insurance Portability Accountability Act (HIPAA). Prerequisite: MEDL 1360.

MEDL 1400. Medical Billing
Lecture 3, Lab 0, Credit 3

Highlights the concepts and procedures that are essential to preparing and submitting accurate health insurance claims. Instructions on all aspects of medical insurance, including plan options, carrier requirements, state and federal regulations, abstracting relevant information from source documents and accurate claim completion. Prerequisite: MEDL 1370.

MTEC 1110. Orientation and Safety
Lecture 2, Lab 1, Credit 3

Safety practices, communication skills, employability skills, power and hand tools and work habits that are important to success in the machinist and millwright profession.

MTEC 1120. Introduction to Machinist
Lecture 2, Lab 2, Credit 4

Blueprint: Identifying types and uses of blueprints, identifying lines, and interpreting views, dimensions, and tolerances.

Bench work: Use of layout tools, precision measuring tools, identifying hand tools, metals, and grinding wheels. Cut stock with hand and power hacksaws, sharpen drill bits, and manufacture mechanical parts using layout and precision measuring tools.

MTEC 1130. Introduction to Millwright
Lecture 2, Lab 2, Credit 4

Identifies the types of fasteners, basic tools and methods used for layout of various lines, angles, circles, and arcs. Describes gaskets and O-rings, along with their uses and explains the safety requirements for oxyfuel cutting and equipment setup requirements (WE)

MTEC 1140. Machine Shop Math
Lecture 3, Lab 0, Credit 3

Mathematical processes, principles, and techniques related to industrial machine shop.

MTEC 1210. Machinist I
Lecture 1, Lab 3, Credit 4

Drill press: Identifying types and uses of drill presses and controls. Proper use of speeds and feeds and drilling and tapping. Manufacture mechanical parts using drilling, reaming and tapping operations.

Lathe: Identifying types of lathes, accessories, parts, and controls. How to indicate OD’s, ID’s, and faces of parts to set up for machining. How to face and turn OD’s and use of speeds and feeds. Prerequisites: MTEC 1110 and MTEC 1120.

MTEC 1220. Millwright I
Lecture 1, Lab 3, Credit 4

Intermediate trade math, field sketching, intermediate blueprint reading, specialty tools, and millwright power tools. Prerequisites: MTEC 1110, MTEC 1130, and MTEC 1140.

MTEC 2110. Machinist II
Lecture 1, Lab 3, Credit 4

Basic lathe: How to knurl, groove/part off, bore, and calculate proper speeds and feeds. Manufacture mechanical parts using turning facing knurling, and grooving operations.

Basic Mill: How to mill squaring parts and calculating proper speeds and feeds. Manufacture basic 3-D parts using milling process. Prerequisite: MTEC 1210. (WE)

MTEC 2120. Millwright II
Lecture 1, Lab 3, Credit 4

Rigging, setting baseplates and soleplates, lubrication and introduction to bearings. Prerequisite: MTEC 1220.
MTEC 2130. Milling Operations  
*Lecture 1, Lab 2, Credit 3*  
Identifying types of milling machines, accessories, parts, and controls. Milling to length, squaring parts, milling basic milling setups, associated cutting tools, and calculate proper feeds and speeds. Manufacture basic 3-D parts using a milling process. Prerequisite: MTEC 1210.

MTEC 2210. Advance Machinist  
*Lecture 1, Lab 3, Credit 4*  
Advanced Lathe: Perform steady-rest counter bores, turn tapers, thread, and other advanced cutting operations.  
Advanced mill: How to cut keyways and calculate indexing, pocket milling, boring, and other advanced milling operations. Prerequisite: MTEC 2110. *(WE)*

MTEC 2220. Advanced Millwright  
*Lecture 1, Lab 3, Credit 4*  
Trade math, precision measuring tools, installing packing, installing seals, installing mechanical seals, removing and installing bearings, couplings, fabricating shims, alignment fixtures and specialty jigs, pre-alignment for equipment installation, installing belt and chain drives and installing fans and blowers. Prerequisite: MTEC 2120. *(WE)*

MTEC 2230. Computer Numerical Control  
*Lecture 1, Lab 3, Credit 4*  
Perform tool and machine setup, G-code programming, and operating of CNC machines. Prerequisites: MTEC 2110 and MTEC 2120.

*NURS 1100. Nursing Fundamentals*  
*Lecture 4, Lab 0, Credit 4*  
Provides the foundation upon which all subsequent nursing courses are developed. The nurse’s role in meeting man’s basic needs across the lifespan including an introduction to the nursing process and the concepts of comfort, rest, sleep, oxygenation, nutrition, and elimination. *Must Meet Admission Requirements.* Prerequisites: CSSK 1010, ENGL 1010, MATH 1100, BIOL 2253, BIOL 2251. Corequisites: NURS 1110, ENGL 1020, BIOL 2263, BIOL 2261, HIST 2010 or HIST 2020. *(WE)*

*NURS 1110. Nursing Fundamentals Application*  
*Lecture 0, Lab 3, Credit 3*  
Provides the foundation upon which all subsequent technical skills are developed; acquisition of competency in nursing skills in a supervised laboratory setting. Limited clinical laboratory practice will be arranged in selected health care agencies. *Must Meet Admission Requirements.* Prerequisites: CSSK 1010, ENGL 1010, MATH 1100, BIOL 2253, BIOL 2251. Corequisites: NURS 1100, ENGL 1020, BIOL 2263, BIOL 2261, HIST 2010 or HIST 2020. *(WE)*

NURS 1150. Pharmacology  
*Lecture 3, Lab 0, Credit 3*  
An overview of the basic principles of pharmacology for the registered nurse. A review of major drug classifications will include an emphasis on nursing implications. Prerequisites: NURS 1100, NURS 1110, MATH 1100, ENGL 1020, BIOL 2263, BIOL 2261. Corequisites: NURS 2200, NURS 2210, BIOL 2103, BIOL 2101.

NURS 1153. LPN to RN Transitions  
*Lecture 3, Lab 0, Credit 3*  
This course provides a framework for assisting transition from a licensed practical nurse to an Associate of Science in Nursing Registered Nurse. An overview of Principles of pharmacology and the registered nurse’s role in meeting man’s basic needs across the lifespan. Prerequisites: Must meet minimum LPN to RN admission entrance requirements, CSSK 1010, ENGL 1010, ENGL 1020, MATH 2100, BIOL 2253, BIOL 2251, BIOL 2263, BIOL 2261, HIST 2010 or 2020. Corequisites: BIOL 2103 and BIOL 2101.
NURS 2200. Nursing Concepts I
Lecture 4, Lab 0, Credit 4

The nursing process in assisting clients across the lifespan to meet the basic needs of elimination, bowel and urinary, metabolism, mobility, and nutrition.

Prerequisites: NURS 1100, NURS 1110, MATH 1100, ENGL 1020, BIOL 2263, BIOL 2261. Corequisites: NURS 1150, NURS 2210, BIOL 2103, BIOL 2101. (WE)

NURS 2210. Application of Nursing Concepts I
Lecture 0, Lab 3, Credit 3

Application of the nursing process in the care of selected clients with threats to elimination, bowel and urinary, metabolism, mobility, and nutrition needs. Clinical laboratory practice in health care agencies will be arranged. Prerequisites: NURS 1100, NURS 1110, MATH 1100, ENGL 1020, BIOL 2263, BIOL 2261. Corequisites: NURS 1150, NURS 2200, BIOL 2103, BIOL 2101.

NURS 2300. Nursing Concepts II
Lecture 5, Lab 0, Credit 5

The nursing process in assisting clients across the lifespan to meet the basic needs of the reproductive, psychological, and neurological systems. Prerequisites: NURS 2200, NURS 2210, NURS 1150, BIOL 2103, BIOL 2101. Corequisites: NURS 2310, MATH 2100, PSYC 2335. (WE)

NURS 2310. Application of Nursing Concepts II
Lecture 0, Lab 4, Credit 4

Application of the nursing process in the formulation and organization of care of selected clients with threats to the basic needs of safety and sexuality. Clinical laboratory practice in health care agencies will be arranged. Prerequisites: NURS 2200, NURS 2210, NURS 1150, BIOL 2103, BIOL 2101. Corequisites: NURS 2300, MATH 2100, PSYC 2335. (WE)

NURS 2400. Nursing Concepts III
Lecture 5, Lab 0, Credit 5

Use the nursing process to assist clients across the lifespan to meet the basic needs of oxygenation, circulation, tissue perfusion, emergency care and disaster preparedness.

Prerequisites: NURS 2300, NURS 2310, MATH 2100, PSYC 2335. Corequisites: NURS 2410, NURS 2500, ARTS 1200.

NURS 2410. Application of Nursing Concepts III
Lecture 0, Lab 5, Credit 5

Application of the nursing process in the formulation, organization, and evaluation of care for selected groups of clients with threats to oxygenation/circulation and other threats to basic needs. Principles of client management will be included. Prerequisites: NURS 2300, NURS 2310, MATH 2100, PSYC 2335. Corequisites: NURS 2400, NURS 2500, ARTS 1200.

NURS 2500. Nursing Capstone: Transition to Professional Nursing
Lecture 1, Lab 0, Credit 1

A non-clinical course. This course provides the framework for assisting the transition from student nurse to professional registered nurse and licensure preparation. Resume’ development, delegation and the Nurse Practice Act will be discussed. Prerequisites: NURS 2300, NURS 2310, MATH 2100, PSYC 2335. Corequisites: NURS 2400, NURS 2410, ARTS 1200. (WE)

OADM 0090. Keyboarding Basics
Lecture 2, Lab 0, Credit 2

Introduction to basic keyboarding terminology and touch typing including alphabetic, numeric, and symbol keys. Emphasis is placed on speed, accuracy, and correct technique utilizing keyboarding software which focuses on drill and practice. This course is designed for students with limited typing skills and does not substitute for OADM 1100, Keyboarding I.
OADM 1000. Customer Service  
*Lecture 3, Lab 0, Credit 3*

This course is intended to help participants’ progress from learning about themselves, to learning how to relate to their internal customers as well as their external customers in the workplace.

OADM 1100. Keyboarding I  
*Lecture 3, Lab 0, Credit 3*

Development and application of introductory and intermediate keyboarding techniques combined with basic word processing documentation. Emphasis is also placed on an increase in speed, accuracy, and correct keyboarding techniques.

OADM 1150. Introduction to Software Applications  
*Lecture 3, Lab 0, Credit 3*

This course offers a hands-on approach in the use of microcomputer applications including spreadsheets, word processing, presentation concepts. OADM 1150 and ITEC 1000 are considered to be equivalent courses to satisfy the degree requirements. Duplicate credit for these courses will not be given. [LCCN: CBUS 2203]

OADM 1180. Records Management  
*Lecture 3, Lab 0, Credit 3*

This course includes basic records management terminology, procedures, classification systems, electronic and manual storage, retrieval, and disposal, compliance with freedom of information laws and Privacy Act.

OADM 1200. Keyboarding II  
*Lecture 3, Lab 0, Credit 3*

Continued development and application of computerized keyboarding techniques and proper usage of word processing commands. Emphasis on integrated office projects for various types of business. Prerequisite: OADM 1100. *(WE)*

OADM 1330. Introduction to Spreadsheets  
*Lecture 3, Lab 0, Credit 3*

Focuses on the basic fundamentals of producing spreadsheets. Prerequisite: OADM 1150 or Special Approval. *(WE)*

OADM 1450. Basic Word Processing  
*Lecture 3, Lab 0, Credit 3*

Hands-on application of basic word processing techniques and functions. Current version of popular word processing software is incorporated. Prerequisites: OADM 1150 and OADM 1100 or Special Approval.

OADM 1550. Advanced Word Processing  
*Lecture 3, Lab 0, Credit 3*

Hands-on application of advanced word processing with emphasis on features and commands using current version of word processing software. Prerequisite: OADM 1450. *(WE)*

OADM 1610. Presentation Software  
*Lecture 3, Lab 0, Credit 3*

The student will study the use of presentation software. The course will focus on design and proper technique for developing a presentation. Prerequisite: OADM 1150 or Special Approval.

OADM 1650. Desktop Publishing  
*Lecture 3, Lab 0, Credit 3*

Basic concepts in creating documents containing graphics and text. Current version of popular word processing/graphics software is incorporated. Prerequisite: OADM 1550 or Special Approval. *(WE)*

OADM 2530. Office Procedures  
*Lecture 3, Lab 0, Credit 3*

Focuses on understanding the role of the office professional in today’s changing office environment. Students learn effective office, human relations, communication, decision-making, and critical thinking skills by completing assignments and live projects.

Specific items covered in this course include in-
interpersonal communications, professional presence and success behaviors, stress and time management, work ethics and diversity, current technology, telecommunications, mail and records management, business correspondence, teamwork, meetings and presentations, travel and conference arrangements, and career development. Prerequisite: OADM 1450.

**OADM 2640. Advanced Spreadsheet Applications**
*Lecture 3, Lab 0, Credit 3*

Focuses on creating graphs, the use of multiple spreadsheets, database capabilities, special spreadsheet functions to perform statistical analysis, financial analysis, mathematical computations, and an introduction to the macro capabilities of spreadsheets. Prerequisite: OADM 1330. (WE)

**OADM 2995. Internship**
*Lecture 0, Lab 3, Credit 3*

This course offers an actual workplace experience under the direct supervision of an instructor. Prerequisite: Special Approval.

**OADM 2996. Special Projects**
*Lecture 3, Lab 0, Credit 3*

A course designed for the student who has demonstrated specific special needs. Prerequisite: Special Approval.

**OSYS 2530. Office Procedures**
*Lecture 3, Lab 0, Credit 3*

Focuses on understanding the role of the office professional in today’s changing office environment. Students learn effective office, human relations, communication, decision-making, and critical thinking skills by completing assignments and live projects.

Specific items covered in this course include interpersonal communications, professional presence and success behaviors, stress and time management, work ethics and diversity, current technology, telecommunications, mail and records management, business correspondence, teamwork, meetings and presentations, travel and conference arrangements, and career development. Prerequisite: OADM 1450.

**PHSC 1000. Physical Science I**
*Lecture 3, Lab 0, Credit 3*

Introductory study of topics in physical science including motion, energy, temperature, light and sound, electricity, and atomic structure. Prerequisite: Eligible for Math 1100. [LCCN: CPHY 1023]

**PHSC 1100. Physical Science I Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory investigations designed to demonstrate and complement the lessons taught in Physical Science I. Prerequisite or corequisite: PHSC 1000.

**PHSC 1200. Physical Science II**
*Lecture 3, Lab 0, Credit 3*

Introductory study of topics in physical science including chemical processes, organic chemistry, meteorology, and geology. Prerequisite: Eligible for MATH 1100. [LCCN: CPHY 1033]

**PHSC 1300. Physical Science II Laboratory**
*Lecture 0, Lab 1, Credit 1*

Laboratory investigations designed to demonstrate and complement the lessons taught in Physical Science II. Prerequisite or corequisite: PHSC 1200.

**PHSC 1500. Astronomy**
*Lecture 3, Lab 0, Credit 3*

Includes a study of the earth’s solar system, the sun and other stars, nebulae, and galaxies. Prerequisite: Eligible for ENGL 1010. [LCCN: CAST 1103]

**PHYS 2100. General Physics I**
*Lecture 3, Lab 0, Credit 3*

Fundamental principles of motion, force, work, energy, temperature, and heat. Prerequisite: “C” or better in MATH 1100. [LCCN: CPHY 2113]
PHYS 2110. General Physics I Laboratory  
Lecture 0, Lab 1, Credit 1  
Use of laboratory experiences to develop an understanding of basic principles of physics. Prerequisite or corequisite: PHYS 2100. [LCCN: CPHY 2111]

PHYS 2200. General Physics II  
Lecture 3, Lab 0, Credit 3  
Fundamental principles of electricity, magnetism, optics, and selected topics of modern physics. Prerequisite: “C” or better in PHYS 2100. [LCCN: CPHY 2123]

PHYS 2210. General Physics II Laboratory  
Lecture 0, Lab 1, Credit 1  
Use of laboratory experiences to develop an understanding of basic principles of physics. Prerequisite or corequisite: PHYS 2200. [LCCN: CPHY 2121]

POLI 1100. American Government  
Lecture 3, Lab 0, Credit 3  
Principles, structures, processes, and functions of the United States government. Prerequisite: Eligible for ENGL 1010. [LCCN: CPOL 2013]

POLI 2100. State and Local Government  
Lecture 3, Lab 0, Credit 3  
Principles, organization, and administration of state and municipal governments with an emphasis on Louisiana governmental structures. Prerequisite: Eligible for ENGL 1010. [LCCN: CPOL 2113]

PSYC 2010. Introduction to Psychology  
Lecture 3, Lab 0, Credit 3  
An overview of psychology designed to familiarize students with the major theories and basic principles for studying and understanding human behavior. Prerequisite: Eligible for ENGL 1010. [LCCN: CPSY 2013]

PSYC 2335. Psychology of Human Development  
Lecture 3, Lab 0, Credit 3  
Physical, psychological, and social aspects of the individual from conception to death. Includes cultural, social, and hereditary factors that affect the individual’s behavior throughout the life cycle. Prerequisite: Eligible for ENGL 1010. [LCCN: CPSY 2113]

PTEC 1010. Introduction to Process Technology  
Lecture 3, Lab 0, Credit 3  
This course is designed to introduce the student to Process Technology. Topics covered include a basic overview of an operator’s job, history of the industry, responsibilities and duties of an operator, safety and environmental education, and workplace environment. The student will gain a fundamental understanding of industrial equipment. There will be an introduction to basic chemistry and physics in the process areas. (WE)

PTEC 1330. Process Instrumentation  
Lecture 2, Lab 0, Credit 2  
This course is designed to introduce the student to the equipment and methodologies used by the industry for monitoring performance and controlling processes. Topics addressed include common terminologies, basic principles of measurement and instrumentation, specific hardware, performance characteristics, control loops, typical applications and operating limits. Prerequisites: “C” or better in PTEC 1010 and eligibility for MATH 1100. Corequisite: PTEC 1331.

PTEC 1331. Process Instrumentation Lab  
Lecture 0, Lab 2, Credit 2  
This course is designed to introduce the student to laboratory exercises and activities involving equipment and methodologies used by the industry for monitoring performance and controlling processes. Topics addressed include common terminologies, basic principles of measurement and instrumentation, specific hardware, performance characteristics, control loops, typical applications and operating limits. Prerequi-
PTEC 1630. Process Equipment
*Lecture 2, Lab 0, Credit 2*
This course is a study of process plant equipment including its construction, principles of operations, maintenance and utilization within the process industry. Equipment to be studied includes piping, valves, pumps, compressors, heat exchangers, fired furnaces, steam and gas turbines. Prerequisites: “C” or better in PTEC 1010 and eligibility for MATH 1100. Corequisite: PTEC 1631.

PTEC 1631. Process Equipment Lab
*Lecture 0, Lab 2, Credit 2*
This course is a study of process plant equipment and is designed to introduce the student to laboratory exercises and activities involving equipment materials of construction, principles of operations, maintenance and utilization within the process industry. Equipment to be studied includes piping, valves, pumps, compressors, heat exchangers, fired furnaces, steam and gas turbines. Prerequisites: “C” or better in PTEC 1010 and eligibility for MATH 1100. Corequisite: PTEC 1630.

PTEC 1632. Plant Safety, Health and Environmental
*Lecture 3, Lab 0, Credit 3*
The student will learn the fundamentals of the government mandated safety programs such as PSM. The student will learn about the governmental bodies regulating safety and environmental programs in the process industry. The student will learn to recognize potential safety and environmental hazards and solutions that could be encountered in their career.

PTEC 2030. Statistical Quality Control
*Lecture 3, Lab 0, Credit 3*
This course is an introductory study of the concept of product quality. The topics covered are the history of the quality movement, the importance of product quality and how communication and teams affect product quality. In addition, the student will be introduced to the concepts of Total Quality Management and how product quality is measured and maintained in the process industries through the use of statistical control charts. Prerequisite: Eligible for MATH 1100.

PTEC 2420. Process Systems
*Lecture 3, Lab 0, Credit 3*
This course studies processes found in the chemical and refining industry. This includes distillation and fractionation, reaction, absorption, adsorption, extraction, stripping, cracking, reforming, alkylation, delayed coking, and hydro processing. Process Systems also covers cooling water, heat recovery, water chemistry, clarification, filtration, steam generation, and heat exchange. Prerequisites: PTEC 1330 and PTEC 1331, PTEC 1630 and 1631. Corequisite: PTEC 2421. (WE)

PTEC 2421. Process Systems Lab
*Lecture 0, Lab 1, Credit 1*
This lab prepares the student to operate the Distributive Control Systems in industry.

In this class, the student will study the TDC-3000 Distributive Control System. Then the student will work in the Simtronics simulation software. The simulations will be based on plant equipment and running conditions. Prerequisites: PTEC 1330 and PTEC 1331, PTEC 1630 and 1631. Corequisite: PTEC 2420.

PTEC 2070. Unit Operations
*Lecture 2, Lab 0, Credit 2*
This course teaches the operations of an entire unit within the process industry using existing knowledge of equipment, systems, and instrumentation. Concepts related to commissioning, normal startup, operations, normal shutdown, turnarounds, safety, environmental, and abnormal situations, as well as the process technician’s role in performing the tasks associated with these operations.
concepts within an operating unit. This course incorporates the knowledge of the student and combines that with the responsibilities of the process technician. At the end of the semester the student must prepare an operating manual for one of our glass plants. The lab portion of the classes includes simulation software (Simtronics and Dexter) and refresher training using the Ingenious software. Prerequisites: PTEC 2420 and PTEC 2421, Corequisites: PTEC 2911 or PTEC 2912.

**PTEC 2431. Unit Operations Lab**
*Lecture 0, Lab 2, Credit 2*

This course is designed to introduce students to laboratory exercises, process simulations and other activities that occur within the process industry using existing knowledge of equipment, systems, and instrumentation. Concepts covered will be related to commissioning, normal start-up, operations, normal shutdown, turnarounds, safety, environmental, and abnormal situations, as well as the process technician’s daily roles and responsibilities in performing tasks associated with concepts utilized within an industrial processing unit. Prerequisites: 2420 and PTEC 2421. Corequisite: PTEC 2430 and PTEC 2911.

**PTEC 2440. Process Troubleshooting**
*Lecture 2, Lab 1, Credit 3*

This course applies a six-step troubleshooting method for solving and correcting operation problems. It focuses on malfunctions as opposed to process design or configuration improvements. Troubleshooting is using data from instrumentation to determine the cause for abnormal conditions in an organized and regimented way. Prerequisites: PTEC 2420 and PTEC 2421. Corequisite: PTEC 2430 and PTEC 2911.

**PTEC 2621. Process Physics Laboratory**
*Lecture 0, Lab 1, Credit 1*

The laboratory experience is used to enhance the basic principles of process physics. The major objective is to generate data that can be examined to answer scientific principles. Formula writing as well as mathematical expertise will be needed to accomplish this objective. The topics of industrial organics, forces in our universe, motion, vectors, heat energy, and radiation will be studied in detail.

Students should develop a real appreciation of the work of scientists in the process of discovery to answer questions about our physical universe. The correct use and manipulation of scientific equipment and supplies are also important to a successful laboratory experience. Corequisite: PTEC 2620.

**PTEC 2630. Fluid Mechanics**
*Lecture 3, Lab 0, Credit 3*

This course is an introductory study of the physical properties and the static and dynamic behavior of fluids. Topics to be studied are; the structure of matter, the density, specific gravity and API gravity of fluids, the viscosity, temperature, and pressure relationships of fluids, the static behavior of fluids including NPSH and its impact on pumping systems, and the dynamic behavior of fluids including the general energy equation and pressure drop relationships. Pr-
requisites: MATH 1100, CHEM 1010, and CHEM 1011. (WE)

PTEC 2911. Campus Internship
Lecture 0, Lab 3, Credit 3

This course consisting of 135 hours of departmentally approved team activities utilizing the PTEC Laboratory (Glass Plants). Using the PTEC Laboratory Glass Plants (six operating units), the students will apply and demonstrate the operating principles previously learned in the PTEC curriculum. This course consists of some individual and team work, exchanging operating principles, safety health and environment issues, and drawing a (P&ID) of their assigned plants as built. Prerequisites: PTEC 2420 and PTEC 2421, Corequisite: PTEC 2430.

PTEC 2912. Independent Internship
Lecture 0, Lab 3, Credit 3

Students qualifying for an industrial internship (PTEC 2912) must work a minimum of 135 supervised hours in a local industry facility. The facility providing the internship will determine the work schedule, which may include shift, nights or weekend work, and the actual hours that the student must spend at the facility to complete this course. In most cases the total hours will be more than the minimum 135 hours. Students who are unable to obtain an industrial internship will be required to take a campus internship (PTEC 2911) consisting of 135 hours of departmentally approved team activities utilizing the PTEC Laboratory (Glass Plants). Students taking the industrial internship course should note that it is unlikely that any other SOWELA classes other than distance learning classes can be taken in the semester. In addition to meeting the job requirements of the student’s assignment in the industrial facility, the student will demonstrate the operating principles previously learned in the PTEC curriculum under the supervision of a supervisor at the industrial facility. Students taking the industrial internship will receive compensation from the facility for the hours worked at the industrial facility with the compensation being determined by the facility. Prerequisites: PTEC 2420 and PTEC 2421, Corequisite: PTEC 2430.

RBTT 1000. Registered Behavior Technician Training
Lecture 3, Lab 0, Credit 3

The Registered Behavior Technician™ credential to be issued by the Behavior Analyst Certification Board creates training standards for those providing direct services to individuals with developmental disabilities and offers certification to therapists in the growing behavioral intervention field. This course will fulfill the training requirement for the Registered Behavior Technician™ (RBT™) credential for those working directly with individuals with developmental disabilities. This course will fulfill the Behavior Analyst Certification Board (BACB) task list for RBT™ certification and the guidelines for responsible conduct for behavior analysts. The training will consist of measurement, assessment, skill acquisition, behavior reduction, documentation and reporting, professional conduct, and scope of practice as they relate to behavioral therapy. Prerequisites: Eligible for ENGL 1010 and permission of the Dean of School of Arts and Sciences.

RELG 2110. Introduction to Religions of the World
Lecture 3, Lab 0, Credit 3

This course will engage you in a comparative study of the history, basic beliefs, and characteristic practices of such major religious systems as Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Some attention will also be given to the religions of the ancient Middle-Eastern and Mediterranean peoples, to ancient and modern tribal religions, and to contemporary sectarian and cultic movements. In this course, you will be introduced to primary and secondary sources in the field of comparative religion. You will also be introduced to the
essential principles of critical thinking techniques. Prerequisite: Eligible for ENGL 1010. [LCCN: CPHL 2213]

**SKIL 1000. Skills for Successful Studies**  
*Lecture 3, Lab 0, Credit 3*  
A comprehensive course outlined to address strategies needed to be successful in college.

**SOCL 2010. Introduction to Sociology**  
*Lecture 3, Lab 0, Credit 3*  
An overview of sociology including theoretical perspectives and theorists; logic and techniques of research; social organization, institutions, and inequality; and social change. Prerequisite: Eligible for ENGL 1010. [LCCN: CSOC 2013]

**SOCL 2020. Social Problems**  
*Lecture 3, Lab 0, Credit 3*  
A study of individual, family, and community disorganization. Topics include crime, drug abuse, sexual deviance, inequality, and mental illness. Prerequisite: Require “C” or better in SOCL 2010. [LCCN: CSOC 2113]

**SPAN 1010. Elementary Spanish I**  
*Lecture 3, Lab 0, Credit 3*  
Basic lexicon and structure of Spanish; emphasis on the four basic skills (listening, speaking, reading, and writing) and culture of the Spanish-speaking world. Beginning course: no previous knowledge of Spanish expected or required. Prerequisite: Eligible for ENGL 1010.[LCCN: CSPN 1013]

**SPAN 1020. Elementary Spanish II**  
*Lecture 3, Lab 0, Credit 3*  
Extends elementary knowledge of the basic grammatical structure of the Spanish language and culture. The course continues to develop reading, writing, listening and speaking skills, and appreciation for the geography, food, music, values, and customs of the Hispanic world. Prerequisite: “C” or higher in SPAN 1010. [LCCN: CSPN 1023]

**SPCH 1000. Fundamentals of Speech Communication**  
*Lecture 3, Lab 0, Credit 3*  
Develops an awareness and appreciation of history and traditions of speech communication as an academic field of study. Includes fundamental codes, functions, and processes of oral communication. Prerequisite: Eligible for ENGL 1010. [LCCN: CCOM 1013]

**SPCH 1200. Introduction to Public Speaking**  
*Lecture 3, Lab 0, Credit 3*  
Basic public speaking principles and skills. Provides experience preparing, organizing, and presenting each of the following types of speeches: personal, introductory, informative, demonstrative, persuasive, and testimonial. Prerequisite: Eligible for ENGL 1010. [LCCN: CCOM 2013]

**STEC 1106. Surgical Procedures I.**  
*Lecture 5, Lab 1, Credit 6*  
This course covers 6 of the 12 surgical specialty units. These surgical units are general, orthopedic, OBGYN, GU, ENT, and oromaxillofacial. Each unit includes relevant surgical anatomy, pathophysiology, operative procedures, instrumentation, pharmacology, patient safety, positioning, prepping/draping, and special considerations. Pre-requisites: MEDL 1300 and MEDL 1303. Corequisites: STEC 1111 and STEC 1157. (WE)

**STEC 1111. Surgical Clinical I.**  
*Lecture 0, Lab 0, Clinical 1, Credit 1*  
Students participate as a member of the surgical team, are supervised by clinical faculty, and experience one-to-one, hands-on instruction from a surgical technologist preceptor. Pre-requisites: MEDL 1300 and MEDL 1303. Corequisites: STEC 1106 and STEC 1157.

**STEC 1157. Surgical Roles and Techniques.**  
*Lecture 3, Lab 4, Credit 7*  
This course builds on information learned in introductory courses. Presentation includes content involving the OR environment, risk & safety,
and hazard management. The student is introduced to asepsis and the principles of sterility, relevant microbiology, and technical skills essential to perform in the first and second scrub role for surgical technology. Included are: surgical instrumentation, sterile processing, handwashing, surgical scrubbing and donning of sterile attire, basic setups creating the field, counting, prepping/draping, wound management and hemostasis. Surgical pharmacology and anesthesia are introduced including regulation and standards, conversions, drug classifications/doses/sources, and fundamental administration techniques. The roles and skills performed by the surgical technologist in the ancillary staff role and assisting circulator role are also discussed for all operative phases. Pre-requisites: MEDL 1300 and MEDL 1303. Corequisites: STEC 1106 and STEC 1111.

**STEC 2206. Surgical Procedures II.**
*Lecture 5, Lab 1, Credit 6*

This course covers 6 of the 12 surgical specialty units. These surgical units are PV, CV/thoracic, neuro, plastics and reconstructive, ophthalmology, and pediatric and robotics. Each unit includes presentation on relevant surgical anatomy, pathophysiology, operative procedures, instrumentation, pharmacology, patient safety, positioning, prepping/draping, and special considerations. Pre-requisites: STEC 1106, STEC 1111, and STEC 1157. Corequisites: STEC 2216. (WE)

**STEC 2216. Surgical Clinical II.**
*Lecture 0, Lab 0, Clinical 6, Credit 6*

Students participate as a member of the surgical team, are supervised by clinical faculty, and experience hands-on instruction one-to-one with facility surgical technologist preceptor in the OR. Students begin the task of participating in the 120-case minimum required to successfully complete the entire program. Pre-requisites: STEC 1106, STEC 1111, and STEC 1157. Corequisites: STEC 2206.

**STEC 2317. Surgical Clinical III - Externship**
*Lecture 0, Lab 0, Clinical 7, Credit 7*

Students participate in a work-based learning externship as a member of the OR team at a designated facility increasing independence while performing entry level skills required for graduation and employment. Students exhibit professional behavior and safe practices while “scrubbed-in” on procedures under preceptor supervision with minimal clinical faculty supervision. The department manager and preceptor will guide students in day-to-day activities of the department as they complete the task of participating in the 120-case minimum required to qualify to sit for the national CST® certification exam. In accordance with CAAHEP Standards and Guidelines for programmatic accreditation, student surgical technologists “may not receive remuneration (payment) while performing in the role of student surgical technologist”. This course also provides training in professionalism and gaining employment upon graduation. Job-seeking skills include searching for positions, writing resumes, completing mock job applications and interviews, evaluating job offers, sending letters of acceptance and/or regret, terminating employment. Pre-requisites: STEC 2206 and STEC 2216. Corequisite: STEC 2352.

**STEC 2352. Surgical Case Review**
*Lecture 2, Lab 0, Credit 2*

This course provides review of the entire core curriculum in preparation to sit for the national CST® certification exam administered by the National Board of Surgical Technology and Surgical Assisting. Secure, computer-based testing with immediate and mandatory remediation reinforces concepts and skills and supports higher-level comprehension and retention of information. This course assists the students in becoming well-rounded, qualified individuals possessing skill competencies required to enter the workforce as successful, practicing surgical
technologists. Pre-requisites: STEC 2206, STEC 2216. Corequisites: STEC 2316. (WE)

**STPR 1041. Introduction to Sterile Processing.**

*Lecture 1, Lab 0, Credit 1*

Duties and requirements of a sterile processing technician will be covered. Basic technology, writing, professionalism, math skills used in the workplace. Prerequisite: Reading ACT score of 13 or ACCUPLACER Reading score of 51. Corequisites: STPR 1143 and STPR 1142. (WE)

**STPR 1142. Sterile Processing Concepts Application.**

*Lecture 0, Lab 2, Credit 2*

Application of the sterile processing process. Clinical laboratory practice and in health care agencies will be arranged. Medical terminology related to a sterile processing technician will be covered. Industry regulations and best practice standards, decontamination and sterilization of medical supplies and equipment. Equipment transportation, quality assurance practices and workplace safety procedures. Prerequisite: Reading ACT score of 13 or ACCUPLACER Reading score of 51. Corequisites: STPR 1041 and STPR 1143.

**STPR 1143. Sterile Processing Concepts.**

*Lecture 3, Lab 0, Credit 3*

Aseptic technique, HIPAA Privacy, basic concepts of microbiology, medical terminology, teamwork, workplace communication and customer relations in the sterile processing setting. Prerequisite: Reading ACT score of 13 or ACCUPLACER Reading score of 51. Corequisites: STPR 1041 and STPR 1142.

**STPR 1253. Sterile Processing Concepts II.**

*Lecture 3, Lab 0, Credit 3*

Instrument identification, special procedural requirements and decontamination requirements for various surgical sets. Special considerations when handling, decontaminating, and wrapping specialty instruments to include, but not limited to, orthopedic, cardiovascular, neurological, obstetric, & laparoscopic surgical instruments. Pre-requisites: STPR 1041, STPR 1143 and STPR 1142. Corequisites: STPR 1263.

**STPR 1263. Sterile Processing Concepts II Application.**

*Lecture 0, Lab 3, Credit 3*

Application of the sterile processing process building on STPR 1042 and STPR 1053 from collecting instruments post-surgical, to decontamination, to proper handling and storage of sterilized instruments. Clinical will be in health care agencies under the direct supervision of a preceptor. Pre-requisites: STPR 1041, STPR 1143 and STPR 1142. Corequisites: STPR 1253.

**STPR 2106. Sterile Processing Practicum.**

*Lecture 0, Lab 6, Credit 6*

Practicum designed for students to work with preceptors to gain skills and competencies necessary for employment by gaining expertise in sterilization, disinfection and decontamination skills. Prerequisite: STPR 1041, STPR 1143, STPR 1142, STPR 1253, STPR 1263. (WE)

**THEA 1013. Introduction to Theatre.**

*Lecture 3, Lab 0, Credit 3*

Basic aspects, theatre arts, and vocabulary of theatre and dramatic arts, past and present; appreciation and understanding of diverse traditions. Includes opportunities for experiencing live or recorded theatrical performance. [LCCN: CTHE 1013]

**THEA 2103. Acting I.**

*Lecture 3, Lab 0, Credit 3*

Introduction to acting through improvisation, thought, emotion, intention, body awareness, and movement. Develops a firm foundation in basic acting techniques. Prerequisite: THEA 1013. [LCCN: CTHE 2103]
VMRE 1002. Introduction to Transportation Technology  
*Lecture 2, Lab 1, Credit 3*
This course will introduce students to the field of automotive service technology. Students will learn of the career opportunities available in the automotive field as well as safety factors relating to the automotive service industry. Students will be introduced to responsibilities performed and the tools used in the automotive service industry. Topics include the following: careers, chemicals used in automotive service, tools and equipment used, certification requirements, and OSHA and EPA regulations.

VMRE 1102. Brakes System  
*Lecture 1, Lab 2, Credit 3*
This course will cover the theory, design, and operation of the automotive brake systems. Topics include the following: disc and drum brake system components; properties of brake fluids; components of the hydraulic brake system; diagnosing, replacing, and adjusting automotive brake systems; and the design, components, operations, diagnosis, and service of the antilock brake system (ABS). *(WE)*

VMRE 1131. Identification and Analysis  
*Lecture 2, Lab 1, Credit 3*
The analysis of body construction. Emphasis is given to diagnosis and repair of collision related items.

VMRE 1141. Frame and Body  
*Lecture 2, Lab 2, Credit 4*
Includes instructions in unibody and frame construction. Emphasis is given to proper measuring and straightening techniques, stress and failure analysis, the use of gauging equipment, and alignment of components.

VMRE 1202. Steering & Suspension  
*Lecture 1, Lab 2, Credit 3*
This course will cover theory, function, and operation of the automotive steering and suspension system. Topics include the following: steering and suspension systems designs, inspection and service of steering and suspension system components, Macpherson Strut analysis and service, wheel. *(WE)*

VMRE 1220. Welding and Cutting  
*Lecture 2, Lab 2, Credit 4*
The application of welding equipment and procedures as they pertain to collision repair processes. Emphasis is given to the setup and use of oxyacetylene, MIG, and other welding equipment.

VMRE 1230. Panel Replacement  
*Lecture 2, Lab 2, Credit 4*
Provides the skills for panel removal, replacement, and alignment; includes door panels, fenders, hood, and body panels.

VMRE 1320. Refinishing/Detailing  
*Lecture 2, Lab 2, Credit 4*
Theory and application of proper refinishing and detailing procedures; includes the proper operation of spray equipment, surface preparation, priming, top coat application, polishing and compounding, and color adjusting.

VMRE 1360. Light Diesel  
*Lecture 1, Lab 2, Credit 3*
Theory and application of diesel fuel systems, maintenance, and repair, for on road light duty diesel engines.

VMRE 1402. Engine Repair  
*Lecture 2, Lab 2, Credit 4*
This course covers the theory, construction, and operation of the internal combustion engine. Topics include: automotive engine designs, performance testing of engines, engine removal and disassembly, cylinder head service, short block service, engine assembly and installation, engine lubrication system, and drivability problems related to internal engine problems.
VMRE 1502. Automatic Transmission & Transaxle  
*Lecture 1, Lab 2, Credit 3*  
This course will cover theory, design, and operation of automatic transmissions and transaxles. Topics include the following: transmission design and components, electric transmission controls, and automatic transmission diagnosis and service.

VMRE 1602. Electrical/Electronic I  
*Lecture 2, Lab 2, Credit 4*  
This course will teach the fundamentals of the electrical/electronic automotive systems. Topics will include the following: Ohms Law; electrical circuit design; principles of electricity; testing and service of automotive batteries; analysis and service of the charging system, automotive lighting, and air conditioning; and using electrical troubleshooting manuals. *(WE)*

VMRE 1612. Advanced Electrical and Electronics  
*Lecture 2, Lab 2, Credit 4*  
This is the advanced-level electrical/electronic course. Topics include the following: principles of electronics; electronic circuit design; analysis and service of automotive gauges and warning devices; analysis and service of automotive computer system; analysis and service of active restraint systems; and the function, analysis, and service of the automotive computer system. Prerequisite: VMRE 1602.

VMRE 1622. Manual Drive Train  
*Lecture 1, Lab 2, Credit 3*  
This course will cover the theory, design, and function of the manual drive train. The following topics are included: manual transmission components, operation, diagnosis, and service; clutch assembly components, operation, diagnosis, and service; driveshaft and axle components, diagnosis, and service; differential components, diagnosis, and service; and four-wheel drive operation, diagnosis, and service.

VMRE 1702. HVAC  
*Lecture 1, Lab 2, Credit 3*  
This course will cover the theory and design of automotive climate control systems. The following topics will be included in this course: principles of refrigeration, air conditioning design, components, and controls, diagnosis, and service of air conditioning systems; and automotive heating system components, diagnosis, and service. *(WE)*

VMRE 1802. Engine Performance I  
*Lecture 1, Lab 2, Credit 3*  
Students will learn the fundamentals of the ignition system. Topics will include the following: engine and performance testing; ignition system theory, analysis, and service and design; ignition-related computerized engine controls; and drivability problems related to the ignition system.

VMRE 1812. Engine Performance II  
*Lecture 1, Lab 2, Credit 3*  
This course is designed to teach the concepts of automotive fuel systems. Topics include the following: fuels and fuel specifications; fuel supply systems; carburetor analysis and service; types of electronic fuel injection; components, testing, and service of electronic fuel injection; exhaust system analysis and service; and drivability problems related to fuel systems. *(WE)*

VMRE 2002. Advanced Suspension, Steering, & Brakes  
*Lecture 1, Lab 2, Credit 3*  
This course will cover theory and application to all types of suspension systems for import & domestic car and light truck applications. Understanding and repair of steering applications as they pertain to automotive vehicles. Theory and repair of anti-lock braking systems, traction control, and stability control on modern brake applications, with the use of diagnostic equipment. Prerequisites: VMRE 1102, VMRE 1202.
Lecture 2, Lab 2, Credit 4
This course will cover the theory of automatic and manual transmissions and diagnostic and repair of transmission systems using proper repair procedures and specialty tool applications. Prerequisites: VMRE 1502.

VMRE 2111. Basic Metal Alignment and Finish
Lecture 1, Lab 2, Credit 3
Basic repair techniques used in alignment of body panels such as dent pulling, minor repairs, etc.

VMRE 2121. Corrosion
Lecture 1, Lab 1, Credit 2
Theory and application of the identification and repair of corrosion damage; includes methods used in restoring corrosion protection and sealant application. (WE)

VMRE 2130. Restraint Systems
Lecture 1, Lab 1, Credit 2
A study of the types and operation of passive and active restraint systems; includes theory of operation, components, troubleshooting, and removal and replacement of restraint systems. (WE)

VMRE 2140. Plastic Repair
Lecture 1, Lab 1, Credit 2
The fundamentals of plastic repair. Emphasis is given to the proper repair procedures for rigid and flexible plastic; includes plastic welding and bonding procedures.

VMRE 2230. Advanced Painting Techniques
Lecture 1, Lab 3, Credit 4
This course will cover the theory and application of advanced topcoats including basecoat/clear coat and tri-coat finishes and theory of waterborne application and custom color techniques. Prerequisite: VMRE 1320.

VMRE 2331. Advanced Collision Repair
Lecture 0, Lab 4, Credit 4
This course will cover basic repair techniques for the use of Aluminum vehicles. This course is designed with the advanced student in mind to have a base skill set to repair structural, inner panel and outer panel damage that pertains to collision vehicles.

VMRE 2402. PLube Tech G-1 Maintenance
Lecture 1, Lab 2, Credit 3
This course is designed for express service in preventative, scheduled maintenance and light repair of modern vehicles and theory and use of automotive warranty information as it pertains to ASE certification in G-1.

VMRE 2822. Engine Performance III
Lecture 2, Lab 2, Credit 4
This course will cover the design, function, and operation of the emissions systems as well as EPA guidelines. Topics include the following: relationship of automobile and air pollution, drivability problems related to emission systems, components of vehicle emission system, analysis and service of emission system operation, government mandated emission testing, use of exhaust gas analysis to test emission, and OBDI and OBDII systems.

WELD 1110. Occupational Orientation and Safety
Lecture 1, Lab 1, Credit 2
Introduces the student to the occupation of welding that includes information and practice concerning safe working environments and safe operation of tools and equipment common to welding.

WELD 1120. Basic Blueprint, Metallurgy, and Weld Symbols
Lecture 1, Lab 1, Credit 2
An introduction to and practice of interpreting basic blueprint, metallurgy, and welding symbols. Prerequisite: WELD 1110.
WELD 1130. Welding Inspection and Testing  
*Lecture 1, Lab 1, Credit 2*  
Instruction and practice in the qualities and judgments involved in the testing and inspection of welded materials. Prerequisite: WELD 1110.

WELD 1210. Oxyfuel Systems  
*Lecture 1, Lab 1, Credit 2*  
An introduction to and practice of safety, set-up, and handling of Oxyfuel cylinders and cutting equipment including practice cutting mild steel. Prerequisite: WELD 1110. (WE)

WELD 1310. Cutting Processes – CAC/PAC  
*Lecture 0, Lab 1, Credit 1*  
An introduction to and practice of safety, setup, and handling of Carbon Arc Cutting and Plasma Arc Cutting equipment including practice cutting ferrous and non-ferrous metals. Prerequisite: WELD 1110.

WELD 1410. SMAW – Basic Beads  
*Lecture 1, Lab 1, Credit 2*  
An introduction to the fundamentals of shielded metal arc welding including safety and practice of welding beads. Prerequisite: WELD 1110. (WE)

WELD 1411. SMAW – Fillet Weld  
*Lecture 0, Lab 2, Credit 2*  
Maintaining safety and practice of fillet welds using the shielded metal arc welding process. Prerequisite: WELD 1410.

WELD 1420. SMAW – V-Groove Open  
*Lecture 1, Lab 3, Credit 4*  
An introduction to the fundamentals of shielded metal arc welding of open groove welds including safety and practice of open groove welds. Prerequisite: WELD 1411.

WELD 1510. SMAW – PIPE 2G  
*Lecture 1, Lab 2, Credit 3*  
An introduction to the fundamentals of shielded metal arc welding of pipe including safety; setup and operation of pipe beveling equipment, and practice of a 2G-pipe weld. Prerequisite: WELD 1420.

WELD 1514. SMAW – 5G Downhill  
*Lecture 1, Lab 2, Credit 3*  
Maintaining safety and practice of a 5G-pipe weld using shielded metal arc welding, with the weld progressing downhill. Prerequisite: WELD 1420.

WELD 1515. SMAW – 6G Downhill  
*Lecture 0, Lab 2, Credit 2*  
Maintaining safety and practice of a 6G-pipe weld using shielded metal arc welding, with the weld progressing downhill. Prerequisite: WELD 1420.

WELD 1516. SMAW – 5G Uphill  
*Lecture 0, Lab 4, Credit 4*  
Maintaining safety and practice of a 5G-pipe weld using the shielded metal arc welding, with the weld progressing uphill. Prerequisite: WELD 1420.

WELD 1517. SMAW – 6G Uphill  
*Lecture 0, Lab 3, Credit 3*  
Maintaining safety and practice of a 6G-pipe weld using shielded metal arc welding, with the weld progressing uphill. Prerequisite: WELD 1420.

WELD 2110. FCAW – Basic Fillet Welds  
*Lecture 1, Lab 1, Credit 2*  
An introduction to the fundamentals of flux-cored arc welding including safety and practice of fillet welds. Prerequisite: WELD 1110.
WELD 2111. FCAW – Groove Welds  
*Lecture 0, Lab 1, Credit 1*  
Maintaining safety and practice of groove welds using the flux-cored arc welding process. Prerequisite: WELD 2110.

WELD 2210. GTAW – Basic Multi-Joint  
*Lecture 1, Lab 2, Credit 3*  
An introduction to the fundamentals of gas tungsten arc welding including safety and practice of various fillet and groove welds. Prerequisite: WELD 1110. *(WE)*

WELD 2220. GTAW – PIPE 5G  
*Lecture 1, Lab 3, Credit 4*  
An introduction to the fundamentals of gas tungsten arc welding of pipe including safety, setup and operation of pipe beveling equipment, and practice of a 5G-pipe weld. Prerequisite: WELD 2210. *(WE)*

WELD 2221. GTAW – PIPE 2G  
*Lecture 0, Lab 3, Credit 3*  
Maintaining safety and practice of a 2G-pipe weld using the gas tungsten arc welding process. Prerequisite: WELD 2210.

WELD 2222. GTAW – PIPE 6G  
*Lecture 0, Lab 2, Credit 2*  
Maintaining safety and practice of a 6G-pipe weld using the gas tungsten arc welding process. Prerequisite: WELD 2210.

WELD 2310. GMAW – Basic Fillet Weld  
*Lecture 1, Lab 1, Credit 2*  
An introduction to the fundamentals of gas metal arc welding including safety and practice of fillet welds. Prerequisite: WELD 1110.

WELD 2311. GMAW – Groove Weld  
*Lecture 0, Lab 2, Credit 2*  
Maintaining safety and practice of groove welds using the gas metal arc welding process. Prerequisite: WELD 2310.

WELD 2312. Basic Pipe and Structural Fabrication  
*Lecture 1, Lab 2, Credit 3*  
An introduction to the fundamentals of pipe and structural fitting including safety, math for welders, isometric drawings, pipe takeoffs, saddle layouts, flange layouts, and how to use a pipe fitter’s handbook. Prerequisite: WELD 1110.
ADMINISTRATION

Aspinwall, Stacy Neil, Chancellor; Ed.D., Georgia Southern University.

Anyanwu, FitzPatrick, Executive Director of Planning and Analysis; Ed.D., Oklahoma State University.

Boersig, Pam, Executive Director of Enrollment Management and Student Affairs; M.Ed., University of Louisiana at Monroe.

Darbone, Davidson, Executive Director of Facilities Planning and Management.

Hayes, David, Executive Director of Workforce Solutions; B.S.; McNeese State University.

Hellums, Paula, Vice Chancellor for Academic Affairs; Ed.D., University of Louisiana at Lafayette.

Newman, Jeanine S., Vice Chancellor for Finance; C.P.A.; B.A., McNeese State University.

Pepper, Kelly, Executive Director of Institutional Advancement; B.A., University of Tennessee.

Schexneider, Martha Jo, Chief Information Resources & Technologies Officer and Professor of Information Systems Technology, Ed.D., Lamar University

Schmaltz, Kylie, Instructional Site Coordinator for Jennings Site; B.S., McNeese State University.

Soileau, Magan, Instructional Site Coordinator for Oakdale Site/HR Manager; B.S., Northwestern State University.

ACADEMIC DEANS

Louviere, Richard, Interim Dean of the School of Industrial Technology; Certificate of Electronic Instrumentation, SOWELA Technical Community College.

Mayo, William Emil, Dean of the School of Transportation and Applied Technology; Ed.D., University of Louisiana at Lafayette.

Shankle, David, Dean of the School of Business & Applied Technology and Professor of Business; Ph.D., Dallas Baptist University.

Smith, Stephanie H., Dean of Instruction and Professor of Mathematics; M.Ed., McNeese State University.

Stewart, Charles, Dean of the School of Arts & Sciences and Assistant Professor of Mathematics; Ed.D., Lamar University.

Stout, Kristine, Interim Dean of the School of Nursing and Allied Health; M.S.N, McNeese State University.
**FULL TIME FACULTY**

**Abel, Adrienne**, Assistant Professor of Business, Jennings Instructional Site; M.A., University of Phoenix.

**Angelle, Roy**, Instructor of Culinary Arts; A.A.S., LTC - Lafayette Campus.

**Bell, Alexander**, Instructor of Physics; M.A., University of Phoenix.

**Bennett, Rebecca**, Instructor of Mathematics; M.S., McNeese State University.

**Bettis, Paul**, Instructor of Industrial Instrumentation Technology; Diploma, Clark College.

**Bilbo, Rachael**, Assistant Professor of Nursing; M.S.N., RN, Grand Canyon.

**Blaney, David**, Instructor of Industrial Technology, Oakdale Instructional Site; A.A.S., SOWELA Regional Technical Institute.

**Broussard, Amy**, Program Director and Master Instructor of Surgical Technology, Jennings Instructional Site; A.A.S.; South Louisiana Community College.

**Buck, Darrell**, Assistant Master Instructor of Graphic Art; A.A.T., SOWELA Technical Community College.

**Byrd, Jonathan**, Assistant Professor of Criminal Justice; M.S., Troy University.

**Caldwell, Robert**, Instructor of History; Ph.D., University of Texas at Arlington.

**Calhoun, Charles**, Instructor of Industrial Electrical Technology; A.S, McNeese State University.

**Carrere, Todd**, Assistant Professor of Mathematics; M.S., McNeese State University.

**Castille, Greg**, Instructor of Industrial Instrumentation Technology; M.B.A., University of Phoenix.

**Cheng, Lili**, Instructor of Mathematics; M.S., Kansas State University.

**Clark, David**, Instructor of Accounting Technology, Oakdale Instructional Site; Ph.D., California Southern University.

**Coleman, Marie**, Assistant Professor of Business; Ph.D., Auburn University.

**Cormier, Jenae**, Program Coordinator and Instructor of Nursing, Jennings Instructional Site; B.S.N., RN, McNeese State University.

**Couch, Lacey**, Instructor of Mathematics; M.S., McNeese State University.

**Creel, Amanda B.**, Professor of Psychology; Ph.D., Auburn University.

**Darbonne, Jonathan**, Program Coordinator and Instructor of Welding; Diploma, SOWELA Technical Community College.

**Drost, Joni**, Assistant Professor of Biology; Ph.D., LSU Baton Rouge.

**Ducote, Gage**, Instructor of Welding; Diploma, Central Louisiana Technical Community College.

**Dye, Matthew**, Professor of English; M.A., M.F.A., McNeese State University.

**Edwards, Candyce**, Instructor of Nursing; M.S.N.-Ed., RN, University of Phoenix.

**El-Bathy, Khalil**, Reference/Instruction Librarian; M.L.I.S, San Jose State University.

**Figueroa, Aaron**, Instructor of Microbiology; M.S., Tarleton State University.

**Fontenot, Christopher**, Instructor of Industrial Instrumentation Technology; A.S., Northshore Technical Community College.

**Fontenot, Gregory Troy**, Instructor of Aviation Maintenance Technology; Diploma, SOWELA Technical Community College.

**Frantz, Jonathan**, Instructor of Mathematics; M.S., McNeese State University.

**Freeman, Katrina**, Program Coordinator for Mathematics and Instructor of Mathematics; M.S., McNeese State University.
Gentry, Brady, Instructor of Process Technology.

Goodman, Aaron, Program Coordinator and Instructor of Drafting and Design Technology; Diploma, Delta School of Business and Technology.

Groth, Robert, Instructor of Biology; M.S.+30, Louisiana State University.

Guidroz, Lara, Instructor of Mathematics; M.A.S., Louisiana State University.

Hensley, Bradley, Instructor of Aviation Maintenance Technology; A&P, Colorado Aero Tech.

Humphus, Barry M., Professor of Information Systems Technology; M.B.A., McNeese State University.

Ison, Kristen S., Instructor of Mathematics; M.S., McNeese State University.

Jessen, Erik P., Assistant Master Instructor of Graphic Art; A.A.T., SOWELA Technical Community College.

Johnson, Christen, Instructor of Nursing; B.S.N., RN, McNeese State University.

Johnson, Robert N., Instructor of Industrial Instrumentation Technology; B.S., McNeese State University.

Johnson, Tyler, Assistant Professor of History; Ph.D., Purdue University.

Kendall, Jan, Instructor of Nursing; LPN Instructor; M.S.N., RN, Aspen University.

Kennerson, Mary E., Instructor of Information Systems Technology; M.Ed., McNeese State University.

Landry, Dane, Instructor of Art; M.F.A., Louisiana Tech University.

Lejune, Deborah A., Program Coordinator and Professor of Office Systems Technology; M.B.A., McNeese State University.

Lewis-Thomas, Kathy, Transitional Studies Instructor; Ed.D., Argosy University.

Louviere, Richard, Program Coordinator of Industrial Electrical Technology and Industrial Instrumentation Technology and Instructor of Process Technology; Certificate of Electronic Instrumentation, SOWELA Technical Community College.

MacLennan, Darren, Technical Services Librarian; M.L.I.S., Kent State University.

Madden, Angela, Assistant Professor of English; M.A.+30, McNeese State University.

Martin, Elizabeth Kaye, Assistant Professor of Nursing; M.S.N., RN, McNeese State University.

McCormick, Dorothy, Program Coordinator for the Humanities and Assistant Professor of English; M.A., McNeese State University.

McDonald, Paula, Program and Lab Coordinator for Chemistry & Physical Sciences and Instructor of Chemistry; M.S., McNeese State University.

Meche, Cathi, Instructor of Nursing; A.D.N., RN, Louisiana State University Alexandria.

Miller, Denise, Instructor of Adult Basic Education, Oakdale Instructional Site; B.A., University of Louisiana at Lafayette.

Monceaux, Rick, Associate Professor of Accounting Technology; M.B.A., McNeese State University.

Mueller, Ronald, Instructor of Industrial Electrical Technology; NEC Electrical Engineering Technology Certificate.

Parker, Jason, Instructor of Drafting and Design Technology; A.A.T., SOWELA Technical Community College.

Pete, Bethanie, Instructor of Nursing; B.S.N., RN, McNeese State University.

Quibodeaux, Lisa E., Program Coordinator and Professor of Criminal Justice; Ph.D., Walden University.

Rather, Michael, Assistant Professor of English; Ph.D., University of Louisiana at Lafayette.
Richard, Devin, Instructor of Welding, SMAW/GMAW/FCAW/GTAW Welder Certified.

Roche, Sally, Instructor of Nursing, B.S.N., RN, McNeese State University.

Rodriguez, Bart, Instructor of Welding.

Rogers, Lisa, Assistant Master Instructor of Nursing; A.D.N, RN, Lamar State College.

Saucier, Terrell, Instructor of Industrial Instrumentation Technology.

Shaffer, Susan, Instructor of English; M.F.A., M.A., McNeese State University.

Shepherd, Sallie, Instructor of Mathematics; M.Ed., McNeese State University.

Sherwood, Mary Frances, Associate Professor and Director of Library Services; M.A, Northern Illinois University.

Smith, Deanne, Instructor of Nursing; M.S.N., RN, McNeese State University.

Smith, Sandra, Instructor of Nursing; B.S.N., RN, McNeese State University.

Sonnier, Jerry Joseph, Program Coordinator and Associate Master Instructor of Culinary Arts; B.S., Sullivan University.

Sonnier, Wendy, Instructor of Business; M.Ed., Northwestern State University.

Spencer, Paige, Assistant Professor of Chemistry; Ph.D., University of Texas Medical Branch.

Stanfield, RD, Stephanie, Instructor of Nursing; A.S.N., RN, McNeese State University.

Stout, Kristine, Assistant Professor of Nursing; M.S.N., RN, McNeese State University.

Stroh, Christina, Instructor of Process Technology; B.S., Clarkson University.

Thomas, Emma, Instructor of Forestry; Ph.D. Southern University.

Titus, Ricky J., Instructor of Criminal Justice; M.S., Troy University.
STAFF

Abraham, Tammy, Assistant to the Vice-Chancellor of Academic Affairs.

Amy, Rebecca, Financial Aid Counselor.

Anderson, Andrea, Student Records Coordinator.

Arceneaux, Lawrence, Maintenance Repairer 1, Jennings Instructional Site.

August, Rosemary, Administrative Coordinator 3.

Ayala-Tapia, Luis, Custodian 2.

Barkdull, Brittany, Academic Advisor; Oakdale Instructional Site.

Bellow, Kaneesha, Administrative Assistant 2.

Bertucci, Roy, Manager of Instructional Technology.

Blaney, David, Instructor of Industrial Elec

Boutte, Jonnika, Support Coordinator for Workforce Solutions.

Brooks, Danielle, Facilities Specialist.

Brown, Michael, Safety and Security Officer, Jennings Instructional Site.

Byrley, Lindsay, Human Resources Coordinator (Benefits & Payroll).

Carlile, Ellen, Coordinator Culinary Arts, Drafting, & Graphic Art.

Carter, Lawrence, Maintenance Repairer 1.

Celestine, Courtney, Student Life Coordinator.

Celestine, Zietta, CDL Support Coordinator.

Charles, Mark, Maintenance Repairer 2.

Chowdhury, Ed.D. Jamir, Senior Institutional Research Associate for Analytics and Data Integrity.

Coles, Deborah, Administrative Assistant 2.

Collins, Christine, Director of Student Services, ADA Officer.

Cotten, Charles, Safety & Security Officer.

Dejean, Venus, Academic Advisor.

Dering, Allison, Director of Enrollment Management & Financial Aid.

Droddy, Latasha, HR Generalist.

Duhon, Patricia, Support Coordinator for the School of Industrial Technology.

Ellender, Daphne, Support Coordinator for the School of Business & Applied Technology.

Fabian, Megan, Academic Advisor.

Ferguson, Matthew, Academic Advisor.

Forsythe, Barbara, Dual Enrollment Specialist.

Golding, James, Electrician Master.

Goodwin, Holly, Library Technician; Jennings Instructional Site.

Guidry, Randall, Testing Center Proctor.

Guillory, John, Lead Safety and Security Officer.

Hanson, Kim, Proctor; Jennings Instructional Site.

Hargrave, Trent, Maintenance Repairer 1; Jennings Instructional Site.

Harrigill, Kristy, Accountant.

Hebert, Jacob, Desktop Analyst.

Hess, Anthony, Safety & Security Officer.

Hoffpauir, Darlene, Marketing & Communications Manager.

James, Marquesa, Custodian.

Johnson, Kimberly, Custodian 1.

Knepper, Sarah, Lead Enrollment Specialist.

LaFleur, Laura, Registrar.

Landry, Anna, Director of Student Accounts.

Lavergne, Joseph, Director of Recruitment and Career Services.

Lawson, Anna, Enrollment Specialist.

Lewis, Maegan, Academic Advisor.
Logan, Yvette, Accountant.
Lowe, Kristy, Bursar; Oakdale Instructional Site.
McCleary, Judy, Director of Business and Industrial Services.
Mingo, Rose, Facilities Supervisor.
Miseles, Rachel, Director of Academic Advising.
Mitchell, Logan, Support Specialist.
Oubre, Heather, Admissions and Registrations Support Coordinator.
Overmeyer, Joey; Safety and Security Officer.
Overmeyer, Linda; Custodian.
Parker, Candy, Director of Human Resources.
Perry, Edna, Custodian 1.
Pitre, Terry Blake, Accountant.
Pousson, Rachelle, Custodian 2.
Prejean, Shana, Administrative Coordinator 3.
Powers, Jennifer, Academic Advisor.
Reeder, Mary, Assistant to the Chancellor.
Reppond, Lindsey, Controller; C.P.A.
Richard, LaKeisha, Financial Aid Support Specialist.
Ryder, Jeremy, Dual Enrollment Coordinator.
Schexnider, Angela, Director of EMSA Initiatives & Instructional Site Operation; Jennings Instructional Site.
Schofield, Danielle, Testing Center Coordinator.
Smith, Carlos, Maintenance Repairer 1.
Stanton, Romona, Programmer Analyst.
Toucek, Susan, Procurement Specialist 2.
Turner, Melissa, Custodian 1.
Valdez, Jesus, Desktop Analyst.
Vanchiere, Kay, Carl Perkins Assistant Coordinator.
Walton, Dedria, Assistant Director Recruitment & Career Services.
Warren, Katelyn, Enrollment Specialist; Oakdale Instructional Site.
Washington, Brittany, Enrollment Specialist.
Washington, Shajuana, Help Desk Coordinator/Assistant to the CIO.
Wilkerson, Carl, Facilities Safety & Security Manager.
Wilkins, Laura, Data & Reporting Specialist.
Williams, Cicely, Student Counselor.
Williams, Gina, Administrative Assistant 2.
Williams, Libbie, Enrollment Specialist.
Williams, Matthew, Supervisor Information Technology - Systems.
Williams, Richard, Maintenance Repairer - Master.
Young, Joshua, Supervisor Information Technology - Network.