

Assessment: Program Four Column



Acad Program - LA Transfer Degree (AALT)

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p>PLO 2 - Quantitative Reasoning - Use quantitative skills and the concepts and methods of mathematics to solve problems.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021</p> <p>Start Date: 07/01/2019</p>	<p>Embedded Test Questions - Identified six questions from a locally developed departmental comprehensive exam.</p> <p>Criterion: Goal is for 70% of the students to would be able to correctly calculate at least 75% of the solutions.</p> <p>Notes: Use quantitative skills to solve problems</p>	<p>Reporting Period: 2020 - 2021 EoY</p> <p>Result Type: Criterion Not Met</p> <p>65% of the students were proficient in using quantitative skills to solve problems. (05/01/2021)</p> <p>Analysis: The criterion was not met.</p>	<p>Action Taken (Use of Results): The expected level of student performance and criteria for success was that 70% of SOWELA students would demonstrate mastery of this objective by meeting each of the three intended educational outcomes. All of the measures were met with regards to the three intended educational outcomes in MATH 2100 and none of the measures were met in MATH 1100. The mathematics faculty believes that this this academic year is an outlier due to the destructions caused by the two hurricanes in the fall semester and the continued disruptions caused COVID-19. The faculty will reexamine the new rubrics and make modifications for the upcoming academic year. The mathematics faculty will also put additional emphasis on developing additional supplemental online materials. The mathematics faculty is determined to ensure that a</p>

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	<p>Embedded Test Questions - Identified five questions from a locally developed departmental comprehensive exam.</p> <p>Criterion: Goal is for 70% of the students to would be able to correctly calculate at least 75% of the solutions.</p> <p>Notes: Interpret quantitative information</p>	<p>Reporting Period: 2020 - 2021 EoY</p> <p>Result Type: Criterion Not Met</p> <p>52% of the students were proficient in interpreting quantitative information. (05/01/2021)</p> <p>Analysis: The criterion was not met.</p>	<p>greater percentage of students will meet the three learning objectives for the upcoming academic year. (05/01/2021)</p> <p>Action Taken (Use of Results): The expected level of student performance and criteria for success was that 70% of SOWELA students would demonstrate mastery of this objective by meeting each of the three intended educational outcomes. All of the measures were met with regards to the three intended educational outcomes in MATH 2100 and none of the measures were met in MATH 1100. The mathematics faculty believes that this this academic year is an outlier due to the destructions caused by the two hurricanes in the fall semester and the continued disruptions caused COVID-19. The faculty will reexamine the new rubrics and make modifications for the upcoming academic year. The mathematics faculty will also put additional emphasis on developing additional supplemental online materials. The mathematics faculty is determined to ensure that a greater percentage of students will meet the three learning objectives for the upcoming academic year. (05/01/2021)</p>
	<p>Embedded Test Questions - Identified four questions from a</p>	<p>Reporting Period: 2020 - 2021 EoY</p> <p>Result Type: Criterion Not Met</p>	<p>Action Taken (Use of Results): The expected level of student</p>

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	<p>locally developed departmental comprehensive exam.</p> <p>Criterion: Goal is for 70% of the students to would be able to correctly calculate at least 75% of the solutions.</p> <p>Notes: Translate problem situations into their symbolic representations</p>	<p>55% of the students were proficient in translating problem situations into their symbolic representations. (05/01/2021)</p> <p>Analysis: The criterion was not met.</p>	<p>performance and criteria for success was that 70% of SOWELA students would demonstrate mastery of this objective by meeting each of the three intended educational outcomes. All of the measures were met with regards to the three intended educational outcomes in MATH 2100 and none of the measures were met in MATH 1100. The mathematics faculty believes that this this academic year is an outlier due to the destructions caused by the two hurricanes in the fall semester and the continued disruptions caused COVID-19. The faculty will reexamine the new rubrics and make modifications for the upcoming academic year. The mathematics faculty will also put additional emphasis on developing additional supplemental online materials. The mathematics faculty is determined to ensure that a greater percentage of students will meet the three learning objectives for the upcoming academic year. (05/01/2021)</p>

<p>PLO 3 - Scientific Reasoning - Understand and apply the concepts and methods of the natural sciences. Outcome Status: Active/Ongoing Assessment Year: 2019 - 2020, 2020 - 2021 Start Date: 07/01/2019</p>	<p>Embedded Test Questions - Locally developed test that measures student achievement of this particular learning outcome. Criterion: The average of all responded for the embedded problems will be 70% Notes: Demonstrate scientific</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 80% of the students measured mastered the student-learning outcome. (05/01/2021) Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): Due to the challenges experienced from the COVID-19 and the destruction of the facilities due to Hurricanes Laura and Delta, the faculty have developed a number of possible teaching strategies or</p>
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	<p>literacy.</p> <p>Embedded Test Questions - Course-based assessment by individual faculty that teach science labs. Criterion: The average of all response for the embedded problems will be 70% Notes: Apply the scientific method in a lab setting.</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 72% of the students measured mastered the student-learning outcome. (05/01/2021) Analysis: The criterion was met.</p>	<p>interventions that could be used for future classes:</p> <ol style="list-style-type: none"> 1. Introduce online presentation at the first of the semester, helping students discover the resources needed and to be more proficient with online learning. 2. Implement assignments that must be uploaded, graded, and returned to students using technology available to the students. For example, smartphone/scanner with free programs such as camScanner or ScanGuru that allows a document to be uploaded in a pdf format. 3. Introduce some topics online before the face to face class time so that more of that time can be used for practice and problem solving. 4. Implement the use of interactive meeting programs such as CISCO WEBEX or Zoom to have review sessions outside normal classroom hours in preparation for exams. 5. Implement the use of interactive websites that give immediate feedback for practice with all topics. (05/01/2021) <p>Action Taken (Use of Results): The expected level of student performance and criteria for success was that 70% of SOWELA students would demonstrate mastery of this intended educational outcome. Though this criterion was only met for three of</p>

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the seven measured SLOs, the faculty believe that this semester was an outlier. Many students had difficulty with the transition from face to face presentation of material to an online or hybrid presentation. Also the use of the laboratory had to be limited and face to face group work was eliminated. The major reasons for these issues were due to the damage caused because of the COV-19 pandemic and the destruction of the facilities due to Hurricanes Laura and Delta. The chemistry lab suffered major damage during the hurricanes and was unusable for the 2020-21 academic year. Chemistry faculty were able to use the Microbiology lab in a limited fashion during the Spring 2021 semester. The General Education faculty looks forward to the opportunity to assess this educational outcome through a broader menu of course offerings in the sciences once we are able to return to the lab. (05/01/2021)

<p>PLO 4 - Social & Behavioral Sciences - Understand and apply the concepts and methods of social sciences. Outcome Status: Active/Ongoing Assessment Year: 2019 - 2020, 2020 - 2021 Start Date: 07/01/2016</p>	<p>Embedded Test Questions - Course-based assessment using monitored group discussions, embedded questions on homework assignments, and unit tests. Criterion: Demonstrate an understanding of the unique theories and methods of a social or behavioral science Notes: Analyze and interpret a</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 94% of the students measured mastered the student-learning outcome. (05/01/2021) Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): In order to continue to improve student success on this educational outcome, the Social and Behavioral Science faculty will continue the practice of requiring regular homework assignments that reinforce the unique theories and methods of the social and</p>
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	<p>social, economic, political, cultural, or philosophical issue</p> <p>Embedded Test Questions - Responses to selected questions embedded in a unit test will be analyzed to determine if learning outcome is met. Criterion: 70% of students will score at least a 70% on the embedded questions in the unit test. Notes: Demonstrate an understanding of the unique theories and methods of a social or behavioral science</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 88% of the students measured mastered the student-learning outcome. (05/01/2021) Analysis: The criterion was met.</p>	<p>behavioral sciences. In addition, the Social Science faculty has also adopted an open source textbook so that all students will have access to the text the first day of class for free during the last academic year. The textbook we chose (OpenStax) is free for the students for use online and is only a nominal fee if they wish to purchase the hardback version. The faculty has positive comments about the text, but the one drawback is the lack of supplementary material provided when compared to a traditionally published textbook. To help supplement the text, the faculty is in the process of developing additional online activities that correspond with the text. (05/01/2021)</p> <p>Action Taken (Use of Results): The Social and Behavioral Science faculty have seen students consistently exceeding the 70%. They are determined to ensure that a greater percentage of students can demonstrate an understanding of the unique theories and methods of a social or behavioral science. In order to continue to improve student success on this educational outcome, the Social and Behavioral Science faculty will continue the practice of requiring regular homework assignments. In addition to the comprehensive</p>

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<p>PLO 5 - Humanities & Arts - Develop knowledge and understanding of history, the arts, and literature. Outcome Status: Active/Ongoing Assessment Year: 2019 - 2020, 2020 - 2021 Start Date: 07/01/2016</p>	<p>Essay - Course-based assessment using essay assignment and departmentally-developed rubric. Criterion: Assessed by short papers and graded online discussion. Notes: Analyze and interpret a historical issue.</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 81.5% of the students measured mastered the student-learning outcome. (05/01/2021) Analysis: The criterion was met.</p>	<p>exam, the Social Science faculty has also incorporated course-based assessment using embedded questions on quizzes, assignments, and unit tests to create portfolios for longitudinal assessment of student mastery for this educational outcome. (05/01/2021)</p> <p>Action Taken (Use of Results): In order to continue to improve student success on this educational outcome, the humanities faculty will continue the practice of requiring regular homework assignments that demonstrate a student's ability to analyze and interpret a historical issue. In addition, the humanities faculty has also adopted an open source textbook so that all students will have access to the text the first day of class for free. The textbook we chose (OpenStax) is free for the students for use online and is only a nominal fee if they wish to purchase the hardback version. Hopefully, more students will use the text because it is free. To help supplement the text, the faculty is in the process of developing additional online activities that correspond with the text. (05/01/2021)</p>
	<p>Embedded Test Questions - Course-based assessment using assignments to critique a piece of literature</p>	<p>Reporting Period: 2020 - 2021 EoY Result Type: Criterion Met 71% of the students measured mastered the student-</p>	<p>Action Taken (Use of Results): During the Spring 2021 semester students were required to critique</p>

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	<p>and/or a historical film.</p> <p>Criterion: Using a rubric developed by a team of humanities faculty, students will be given an assessment in which they must critique several works of art. They must analyze and interpret each work citing specific examples to give support to their inferences.</p> <p>Notes: Critique a particular work of art, music, theater or literature.</p>	<p>learning outcome. (05/01/2021)</p> <p>Analysis: The criterion was met.</p>	<p>several works of art. They were asked to analyze, break down the elements of and identify the principles of design within, as well as interpret each work citing specific examples to give support of their inferences. The criteria they use vary from formalistic concerns, to content, and to the historical context that is covered throughout the course. Using the critiques, the humanities instructors were able to determine that 71% of the students assessed demonstrated the ability critique several works of art by analyzing and interpreting each work citing specific examples. In the upcoming academic year, the faculty will incorporate the use of additional multimedia aids to their lectures in order to appeal to students with diverse learning styles and also develop additional online resources for the hybrid and online students. (05/01/2021)</p>
<p>PLO 1# - Communication Skills - Write, read, and listen critically and effectively..</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2019 - 2020, 2020 - 2021</p> <p>Start Date: 07/01/2019</p>	<p>Essay - Students will write essays throughout the semester. Each course will require at least 12 pages of college level writing. Assessed by departmental developed rubrics.</p> <p>Criterion: 70% of students finishing English 1010 will score at least a 70% in the content area of the rubric.</p> <p>Notes: Express ideas clearly in written form</p>	<p>Reporting Period: 2020 - 2021 EoY</p> <p>Result Type: Criterion Met</p> <p>95% of the students measured achieved the desired standard. (05/01/2021)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): For the 2021-22 academic year, faculty will continue to update the English Composition textbook and also focus on creating additional online content for the English courses. (05/01/2021)</p>
	<p>Essay - Students will write essays</p>	<p>Reporting Period: 2020 - 2021 EoY</p>	<p>Action Taken (Use of Results):</p>

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	<p>throughout the semester. Each course will require at least 12 pages of college level writing. Assessed by departmental developed rubrics.</p> <p>Criterion: 70% of students finishing English 1010 will score at least a 70% in the content area of the rubric.</p> <p>Notes: Employ critical reading skills to analyze written material</p>	<p>Result Type: Criterion Met</p> <p>80% of the students measured mastered the student-learning outcome. (02/22/2022)</p> <p>Analysis: The criterion was met.</p>	<p>The faculty was pleasantly surprised that the student met this standard in the spring semester considering the majority of the building on campus were unusable and all classes were offered as either a one day a week hybrid or completely online. Thus, for the 2021-22 academic year, faculty will update the English Composition textbook so that the E-version is more accessible to students and also focus on creating additional online content for the English courses. (05/01/2021)</p>