SOWELA TECHNICAL COMMUNITY COLLEGE

3820 Sen. Bennett Johnston Ave.
P.O. Box 16950
Lake Charles, Louisiana 70616
800-256-0483 or 337-491-2698
Fax 337-491-2135
www.sowela.edu

AVIATION MAINTENANCE TECHNOLOGY

The purpose 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. It is the policy of SOWELA Technical Community College to provide reasonable accommodations for those with disabilities, health impairments, and other conditions. Individuals that would like to pursue a degree in this program and believe they may need accommodations are encouraged to reach out to the Office of Accessibility Services (OAS) at (337) 421 – 6975 or email ods@sowela.edu.

ABILITY	STANDARD	Some examples of necessary activities (not all inclusive)
Physical Demands / Motor Skills	• Ability to safely lift/carry a minimum of 50lbs. • Ability to stand/kneel/crouch for extended periods of time.	• Carry supplies. • Installing/repairing various components in multiple positions.
Critical Thinking/ Observation/ Sensory/ Reasoning Skills	• Ability to understand verbal and written instructional approaches and apply this understanding to maintenance projects in a manner that produces quality outcomes and safe work practices. • Ability to use sensory (hearing, visual, and smell) skills to be able to detect danger from various equipment found in maintenance facilities.	• Apply information given by the instructor in both lab and lecture settings to assigned work to meet FAA specifications and Industry standards. • Student is successful in the Lab and classroom instructional settings. • Ability to detect danger of leaking gases, fire, danger to extremities, forklift traffic, and audible/visual alarms.

ABILITY	STANDARD	Some examples of necessary activities (not all inclusive)
Behavioral / Social Skills and Professionalism	• Students should, at ALL times, demonstrate integrity and academic honesty as listed in the Student Handbook. • Students should, at ALL times, meet and practice safety standards concerning clothing and PPE, housekeeping, tools and equipment during maintenance training.	• Student consistently demonstrates a professional work ethic and positive student-to-instructor interactions creating an effective learning environment. • Proper safety awareness and attitude helps to provide a safe environment that is conducive to learning and student achievement.
Communication Skills	• Willingness to clarify understanding of the proper procedures and work methods assigned, especially when lacking understanding.	• Student asks questions for understanding and correctly performs proper procedures.
Working Conditions	• Ability to tolerate and adequately function in hot and cold work conditions	• Working for 6 hours in indoor and outdoor areas without heating or air conditioning.

SOWELA Technical Community College does not discriminate on the basis of race, color, marital status, national or ethnic origin, gender, religion, disability, sex, genetic information, veteran's status, age, or any status or organization protected by state or federal law, in its programs or activities. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Title: Compliance Office
Address: 3820 Senator J. Bennett Johnston Ave, Lake Charles, LA 70616
Telephone No: (337) 421-6905 or 800-256-0483
Email: complianceofficer@sowela.edu