Program-Level Learning Outcomes

Students who graduate from the Aviation Maintenance Technology Program will be prepared to successfully pass the FAA Airframe and Powerplant Written, Oral and Practical subject matter exams and will:

- Demonstrate an in depth technical knowledge of aircraft systems and operation
- Demonstrate appropriate skills, techniques, and accepted practices necessary for aircraft maintenance and determination of aircraft airworthiness
- Apply cognitive reasoning skills to aircraft systems analysis and troubleshooting
- Demonstrate knowledge of regulatory and legal issues which impact the industry
- Communicate both in writing and verbally about aviation maintenance concepts and processes using technical terms, to both professional and administrative audiences
- Apply appropriate critical thinking and problem solving skills in the context of their work
- Function as an effective and dependable team member, as well as independently
- Demonstrate how and when to self-start, especially in learning and seeking new knowledge in an ever-changing field
- Research and acquire data that demonstrates their ability to correctly interpret and apply technical information to insure continued aircraft airworthiness
- Operate ethically, integrating FAA regulations, company rules and policies, and individual decision-making
- Exhibit safe work habits that reflect concern and care for self, others and the continued airworthiness of aircraft