

B.S. in Aviation Maintenance (Part 65)

Program-Level Student Learning Outcomes

Students will:

- Apply the fundamentals of aviation maintenance, commonly accepted practices, and global regulations in the aviation maintenance industry.
- Apply maintenance operations management functions for all types of aerial vehicles.
- Explain the application of basic concepts of ground and flight safety in the aviation maintenance industry.
- Communicate technical and non-technical information and concepts in written, digital, and oral forms.
- Solve problems within professional and personal environments.
- Analyze historical events, cultural artifacts, and philosophical concepts.
- Conduct research using appropriately cited primary and secondary sources.
- Examine skills that promote professional and personal lifelong learning.
- Use digitally-enabled technology and analysis techniques to interpret data for the purpose of drawing valid conclusions and solving associated problems.
- Analyze scientific evidence related to the physical world and its interrelationship with human values and interests.