## WCC AeroTech College, Inc.
College of Engineering and Aviation Technology (CEAT)

### 2-Year Aircraft Maintenance Technology (AMT)
Total Credit Units: 132

#### General Education
- Communication Skills 1
- Communication Skills 2
- Effective Oral Communication
- Technical Communication
- College Algebra
- Plane and Spherical Trigonometry
- Fundamentals of Physics
- Modern Physics
- General Chemistry
- Basic Computer Systems
- Physical Fitness 1
- Physical Fitness 2
- Team Sports
- Individual Sports
- ROTC 1
- ROTC 2

#### Professional AMT Subjects
- Aircraft Fuels and Lubricants
- Aircraft Propeller
- Aircraft Materials & Processes
- Maintenance Publication & Documents
- Aircraft Mechanical Processes
- Aircraft Powerplant 1 (Reciprocating)
- Aircraft Powerplant 2 (Gas Turbine)
- Aircraft Material Construction & Repair 1
- Aircraft Materials Construction & Repair 2 (Composite)
- Aircraft Instrument (Fixed and Rotary)
- Helicopter Operations & Maintenance
- Weight & Balance Assemblies & Rigging
- Communication & Navigation System
- Aircraft System
- Aircraft Electricity & Ignition System (ACDC)
- Aircraft Powerplant Overhaul & Troubleshooting
- Maintenance Organization and Management
- Aircraft Maintenance Inspection & Servicing
- Professional Ethics & Practice
- On-the-Job Training and Review
- Run-up and Taxiing

#### Institutional Requirements
- Character Formation 1
- Character Formation 2

#### AMT Foundations
- Aviation Mathematics
- Theory of Flight
- Air Laws and Civil Regulations
- Aviation Safety
- Engineering Drawing 1
- Mechanical Drawing & Blueprint Reading

*Required 3-Day Seminar Retreat Before Graduation*