**AVIATION MAINTENANCE TECHNOLOGY (AMRT)**

**AMRT 10010 FAA REGULATIONS AND DOCUMENTATION** 2 Credit Hours

FAA history, inspections, documentation and aircraft drawings. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Corequisite: AMRT 10040.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

**AMRT 10020 AIRCRAFT TOOLS AND TECHNIQUES** 2 Credit Hours

Welding for the aviation maintenance technician and understanding of fluid lines and fittings. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Corequisite: AMRT 10010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

**AMRT 10030 AIRFRAME I** 3 Credit Hours

Understanding aircraft systems and corrosion control. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Corequisite: AMRT 10010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

**AMRT 10040 AVIATION POWER PLANT I** 4 Credit Hours

Study of aviation engines and propellers. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Corequisite: AMRT 10010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 4 other
Grade Mode: Standard Letter

**AMRT 20010 AIRFRAME II** 3 Credit Hours

Understanding aircraft structures. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Prerequisite: AMRT 10030.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

**AMRT 20020 AIRFRAME III** 2 Credit Hours

Advanced airframe course. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Corequisite: AMRT 20010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

**AMRT 20030 AVIATION ELECTRONICS** 3 Credit Hours

Electronics and systems for the aviation maintenance technician. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Prerequisite: EERT 12001.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

**AMRT 20040 PRINCIPLES OF FLIGHT** 3 Credit Hours

Nature of light, sound and aerodynamics. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Prerequisite: PHY 12202.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

**AMRT 20050 PRACTICUM IN ADVANCED AVIATION** 2 Credit Hours

Aviation maintenance experience. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Prerequisite: AMRT 10040.
Schedule Type: Practicum or Internship
Contact Hours: 2 other
Grade Mode: Standard Letter

**AMRT 20060 AVIATION POWER PLANT II** 2 Credit Hours

Further studies into aircraft engines. Comprehensive course for the AMRT candidate to meet the requirements for FAA certification.
Prerequisite: AMRT 10040.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter