AVIATION MAINTENANCE TECHNOLOGY (AMRT)

**AMRT 10010 FAA REGULATIONS AND DOCUMENTATION**  2 Credit Hours
F AA 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: EEET 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