

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: Practical Experience

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