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