

# AVIATION MAINTENANCE TECHNOLOGY (AMRT)

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## **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