

AVIM - AVIATION MAINTENANCE

AVIM 101. Aviation Science

3 Credits (3)

Provides students with basic technical mathematics skills, an overview of general physics as applied to the work of an Airframe and Powerplant (A&P) technician, and instruction in the reading and interpreting of aircraft drawings. Restricted to Alamogordo campus only.

Prerequisite(s): Appropriate Math placement score.

AVIM 102. Shop Practices

3 Credits (3)

Introduces students to specialty tools, shop safety, workplace practices, basic aviation materials and processes. Students also learn to fabricate fluid lines and fittings, identify type fasteners, and processes for nondestructive testing. Restricted to Alamogordo campus only.

AVIM 103. Ground Operations

3 Credits (3)

Identifies aircraft fuels, cleaning procedures and corrosion removal, as well as ground operation procedures including safety, fueling, and start-up of aircraft. Restricted to Alamogordo campus only.

AVIM 104. Federal Regulations

2 Credits (2)

Instruction on how to read, comprehend, and apply all FAA maintenance forms and publications as related to aircraft maintenance. Also describes all rights and privileges of A & P technicians. Restricted to Alamogordo campus only.

AVIM 105. Weight and Balance

2 Credits (2)

Describes proper procedures for weighing and loading aircraft and center of gravity (C.G.) safety and procedures for jacking aircraft. Restricted to Alamogordo campus only.

AVIM 106. Basic Electricity

3 Credits (3)

Explains theories and principles of electricity related to aircraft circuitry. Restricted to Alamogordo campus only.