

# Aviation Maintenance Technology

The average entry level salary range in New Mexico for a professional with an Associate of Applied Science degree in Aviation Maintenance Technology is \$38,800-\$45,000 a year.

Nationally, the average salary for A & P's is \$56,400.

- Top related in demand occupations: aircraft mechanic, service technicians

See also related fields: Air Traffic Control, Professional Pilot Training

**ENMU-Roswell Career and Technical Division  
Aviation Maintenance Technology Program**  
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## Program Overview

Aviation Maintenance Technology (AMT) is a challenging career field with excellent employment opportunities. The AMT program runs approximately 14.5 consecutive months, making this program one of the fastest and most competitive in terms of completion time available. We believe that by training students and preparing them for FAA licensure in the shortest time frame possible, we provide a gateway to careers much sooner and in a more cost effective manner than other AMT training programs. Because of this schedule, please consult AMT faculty, academic advisors, or the Career and Technical Education Division concerning semester start dates. Completing courses in the sequence and schedule offered is critical to successful completion of the program.

## Program Courses

Upon successful completion of the FAA FAR Part 147 program, students will be issued a certificate acknowledging the student's eligibility for FAA testing. Students seeking an Associate of Applied Science degree must also successfully complete additional general education classes. Applicants for the A.A.S. degree who are currently FAA Airframe & Powerplant certificate holders may apply their A&P certificate towards the AMT portion of the A.A.S. degree.

See the current catalog for the complete degree plan. Course availability varies each semester.

### Certificate of Completion - 52 credit hours

#### FAA Approved - FAR Part 147 Subjects

|      |     |  |   |
|------|-----|--|---|
| GAMT | 101 | Aviation Science                         | 2 |
| GAMT | 102 | Shop Practices                           | 2 |
| GAMT | 103 | Ground Operations                        | 2 |
| GAMT | 104 | Federal Regulations                      | 1 |
| GAMT | 105 | Weight and Balance                       | 1 |
| GAMT | 106 | Basic Electricity                        | 2 |
| AFRM | 101 | Aircraft Electrical Systems              | 2 |
| AFRM | 102 | Assembly and Rigging                     | 1 |
| AFRM | 103 | Sheet Metal                              | 4 |
| AFRM | 104 | Welding                                  | 1 |
| AFRM | 105 | Wood, Fabric, and Finishes               | 1 |
| AFRM | 106 | Composite Structures                     | 2 |
| AFRM | 107 | Instruments and Navigation/Communication | 1 |
| AFRM | 108 | Hydraulic, Pneumatic, and Fuel Systems   | 3 |
| AFRM | 109 | Landing Gear Systems                     | 2 |
| AFRM | 110 | Aircraft Auxiliary Systems               | 2 |
| AFRM | 111 | Aircraft Inspection                      | 1 |
| PWPL | 101 | Fuel Metering and Induction Systems      | 3 |
| PWPL | 102 | Aircraft Propellers                      | 2 |
| PWPL | 103 | Aircraft Powerplant Electrical Systems   | 3 |
| PWPL | 104 | Aircraft Reciprocating Engines           | 2 |
| PWPL | 105 | Aircraft Reciprocating Engine Overhaul   | 5 |
| PWPL | 106 | Aircraft Turbine Engine Theory           | 2 |
| PWPL | 107 | Turbine Engine Overhaul                  | 3 |
| PWPL | 108 | Aircraft Powerplant Inspection           | 2 |

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