



# AVIATION MAINTENANCE TECHNOLOGY AAS

## AVIATION



### Requirements to Earn this Associate Degree

Work with an advisor to develop your specialized education plan.



| Aviation Maintenance Requirements:         | Credits |
|--|---------|
| • AMT 148: AMT General Electricity .....   | 7       |
| • AMT 150: AMT General .....               | 16      |
| • AMT 151: Airframe Mechanics I.....       | 20      |
| • AMT 149: Airframe Electricity.....       | 3       |
| • AMT 151: Airframe Mechanics I.....       | 4       |
| • AMT 152: Airframe Mechanics II.....      | 13      |
| • AMT 152: Airframe Mechanics II.....      | 8       |
| • AMT 251: Powerplant Mechanics I.....     | 12      |
| • AMT 249: AMT Powerplant Electricity..... | 2       |
| • AMT 251: Powerplant Mechanics I.....     | 4       |
| • AMT 252: Powerplant Mechanics II.....    | 14      |
| • AMT 253: Powerplant Mechanics III.....   | 16      |

| General Education Requirements:        |   |
|--|---|
| • CMST&220: Public Speaking.....       | 5 |
| • ENGL&101: English Composition I..... | 5 |
| • FAD 150: Industrial First Aid.....   | 2 |
| • MAP 100: Applied Mathematics.....    | 2 |
| • PSYC&100: General Psychology .....   | 5 |
| • SOC&101: Intro to Sociology.....     | 5 |

**Total Credits Required: 133-135**

**Degree requirements include final verification from program instructor that all current FAA Part 147 Mechanic ACS requirements have been met in addition to listed course, credit, and grade requirements.**

## TO DO:

### Stay on track with this checklist!

#### TO DO'S:

##### QUARTER 1

- APPLY FOR FAFSA OR WASEFA FOR NEXT YEAR
- SET UP YOUR BANKMOBILE ACCOUNT
- GET FAMILIAR WITH YOUR CTCLINK STUDENT HOMEPAGE
- MEET WITH YOUR ADVISOR

##### QUARTER 2

- MAKE AN EDUCATION PLAN WITH YOUR ADVISOR
- APPLY FOR BBCC FOUNDATION SCHOLARSHIPS

##### QUARTER 3

- MEET WITH YOUR ADVISOR

##### QUARTER 4

- UPDATE YOUR EDUCATION PLAN WITH YOUR ADVISOR

##### QUARTER 5

- APPLY FOR GRADUATION (AFTER ENROLLING IN YOUR FINAL QUARTER OF CLASSES)

##### QUARTER 6

- ORDER CAP AND GOWN
- ATTEND GRADUATION!
- EXPLORE EMPLOYMENT OPPORTUNITIES

## Career Outlook

The Aviation Maintenance Technology (AMT) program is designed to prepare students for FAA Airframe & Powerplant (A&P) maintenance certification and for employment in aviation maintenance careers. This includes Aircraft Maintenance, Aircraft Manufacturing, Commercial Aircraft Maintenance, Fire Bomber Maintenance, and EMS Helicopter and Airplane Maintenance. Currently, Boeing, Aerotek, Greenpoint, Life Flight, Aeroflite, Delta, Alaska Airlines, and Horizon Airlines are recruiting with sign on bonuses.

## Future Education Opportunities

Courses offer quality training to serious and motivated students through a structured competency-based curriculum provided by industry-experienced instructors. Instruction includes the basics of maintenance, servicing, inspection, repair, troubleshooting, and overhaul of aircraft airframes and powerplants. Students can become professional aviation maintenance technicians. This degree also prepares students to pursue a 4-year Aviation Maintenance Management degree to become a Director of Maintenance for large operations.

## Find Out More

509.793.2253 or 509.793.2254 [AMT@bigbend.edu](mailto:AMT@bigbend.edu)  
<https://www.bigbend.edu/academics/aviation-maintenance-technology/>

## Length of Program

135 credits = 6 quarters\* at 16-25 credits per quarter.

\*Your specific route may take longer than 6 quarters depending on the number of credits you take each quarter and where you start in your math and English pathways.

## Which Quarter Can I Begin?

Fall or Winter

## Program Modality

On campus, daytime only.  
MTWThF for your first quarter, MTWTh for remaining quarters.

## Helpful Hints

- Ask about career placement before starting the program. Some employers will pay for your schooling.
- Military aviation experience can accelerate students through the program.
- Tools are not required until the second quarter of the program. Tool discounts and benefits are available to students.

# OPPORTUNITY FOR FREE \$\$\$

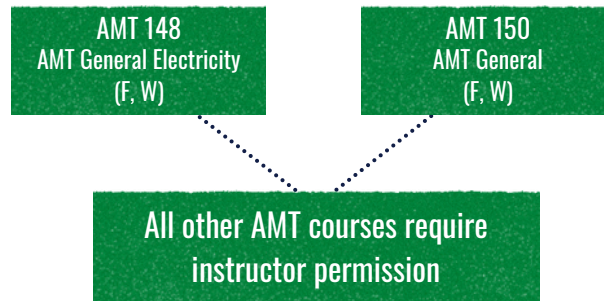
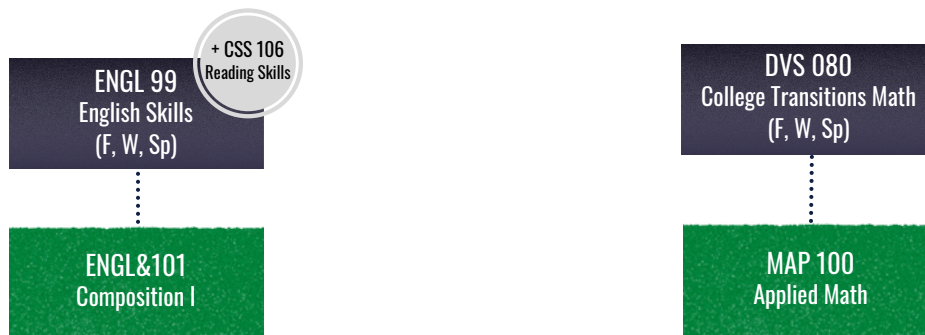
Workforce Education Services provides additional financial assistance for tuition and fees, books, tools, bus passes, and emergency support.

See if you qualify here!



# Aviation Maintenance Pre-Requisite Flow Chart

Start by talking with an advisor to determine which courses to take first based on your placement scores.



### Advising Tips

- If you decide to participate in both the flight and maintenance programs, we recommend completing general and airframe during the first year, powerplant and flight school during the second year.

# CERTIFICATE OPTIONS

## Aviation Maintenance

### Airframe Maintenance Technician Certificate of Achievement

#### Credits

- AMT 149: Airframe Electricity.....3
- AMT 151: Airframe Mechanics I.....22
- AMT 152: Airframe Mechanics II.....21
- PSYC&100: General Psychology **OR**  
SOC&101: Intro to Sociology.....5
- CMST&210: Interpersonal Speaking **OR**  
CMST&220: Public Speaking.....5
- ENGL&101: English Composition I.....5
- FAD 150: Industrial First Aid.....2
- MAP 100: Applied Math.....2
- WLD 103: Beginning AMT Welding.....2

**Total Credits: 63**

### Powerplant Maintenance Technician Certificate of Achievement

#### Credits

- AMT 249: AMT Powerplant Electricity.....2
- AMT 251: Powerplant Mechanics I.....16
- AMT 252: Powerplant Mechanics II.....14
- AMT 253: Powerplant Mechanics III.....16
- PSYC&100: General Psychology **OR**  
SOC&101: Intro to Sociology.....5
- CMST&210: Interpersonal Speaking **OR**  
CMST&220: Public Speaking.....5
- ENGL&101: English Composition I.....5
- FAD 150: Industrial First Aid.....2
- MAP 100: Applied Math.....2

**Total Credits: 63**

### Aviation Maintenance - General Certificate of Accomplishment

#### Credits

- AMT 148: AMT General Electricity.....7
- AMT 150: AMT General.....16
- MAP 100: Applied Math.....2

**Total Credits: 25**

### Airframe Mechanic I Certificate of Accomplishment

#### Credits

- AMT 149: Airframe Electricity.....3
- AMT 151: Airframe Mechanics I.....22

**Total Credits: 25**

### Airframe Mechanic II Certificate of Accomplishment

#### Credits

- AMT 149: Airframe Electricity.....3
- AMT 152: Airframe Mechanics II.....21

**Total Credits: 24**

### Powerplant Mechanic I Certificate of Accomplishment

#### Credits

- AMT 251: Powerplant Mechanics I.....16

**Total Credits: 16**

### Powerplant Mechanic II Certificate of Accomplishment

#### Credits

- AMT 249: AMT Powerplant Electricity.....2
- AMT 252: Powerplant Mechanics II.....14

**Total Credits: 16**

### Powerplant Mechanic III Certificate of Accomplishment

#### Credits

- AMT 253: Powerplant Mechanics III.....16

**Total Credits: 16**

# My Education Plan

Name: \_\_\_\_\_

ID #: \_\_\_\_\_

|  |              |
|--|--------------|
|  Quarter/Year | Quarter/Year |
| Quarter/Year   | Quarter/Year |
| Quarter/Year   | Quarter/Year |

# My Education Plan

Name: \_\_\_\_\_

ID #: \_\_\_\_\_

|              |              |
|--------------|--------------|
| Quarter/Year | Quarter/Year |
| Quarter/Year | Quarter/Year |
| Quarter/Year | Quarter/Year |



## Suggested Schedule to Earn this Associate Degree

If the classes listed below don't fit your schedule or you're planning to start after fall quarter, work with an advisor to develop your specialized education plan.

### Year One

| Fall   | Credits |
|--|---------|
| • AMT 148: AMT General Electricity.....                                      | 7       |
| • AMT 150: AMT General.....  | 16      |
| • MAP 100: Applied Mathematics.....  | 2       |
| <b>Winter</b>  |         |
| • AMT 151: Airframe Mechanics I.....   | 20      |
| • PSYC&100: General Psychology OR<br>SOC&101: Intro to Sociology.....        | 5       |
| <b>Spring</b>  |         |
| • AMT 149: Airframe Electricity.....   | 3       |
| • AMT 151: Airframe Mechanics I.....   | 4       |
| • AMT 152: Airframe Mechanics II.....  | 13      |
| • CMST 210: Interpersonal Communication OR<br>CMST 220: Public Speaking..... | 5       |

### Year Two

|  |    |
|--|----|
| <b>Fall</b>                                |    |
| • AMT 152: Airframe Mechanics II.....      | 8  |
| • AMT 251: Powerplant Mechanics I.....     | 12 |
| • ENGL&101: Composition I .....            | 5  |
| <b>Winter</b>                              |    |
| • AMT 249: AMT Powerplant Electricity..... | 2  |
| • AMT 251: Powerplant Mechanics I.....     | 4  |
| • AMT 252: Powerplant Mechanics II.....    | 14 |
| • FAD 150: Industrial First Aid.....       | 2  |
| <b>Spring</b>                              |    |
| • AMT 253: Powerplant Mechanics III.....   | 16 |