



Basic Aviation Technology C.C.

Career Community: Transportation

Curriculum Code: 1037

Effective: Fall 2025 – Summer 2030

Purpose of the Major

This certificate of completion enables a non-licensed individual to develop the knowledge and understanding of basic aviation maintenance practices used to maintain aircraft in accordance with the Title 14 Code of Federal Aviation Regulations. While enrolled in this program, students will learn the basic science and technical knowledge necessary to repair and maintain modern aerospace vehicles. Graduates will have demonstrated technical abilities in aircraft ground handling and servicing, aircraft fueling procedures, parking and mooring, equipment nomenclature and identification, unapproved parts identification, and airport operations. Completion of this certificate may be applied to the Airframe and Powerplant License provided the student meets the requirements of the Federal Aviation Regulation Part 147.

Additional Information

A student must earn a minimum grade of 2.0 in all courses.

Contact Information

For further information, including career options, course substitutions and waivers, etc., contact the Aviation Technology Program at the Mason-Jewett Field, 661 Aviation Drive, Mason, telephone number 517-483-1406.

Major Required Courses

| Course Code | Course Title | Credit / Billing Hours |
|-------------|-------------------------|------------------------|
| AVGM 111 | Aviation General I | 4 / 5 |
| AVGM 112 | Aviation General II | 6 / 8 |
| AVGM 113 | Aviation General III | 4 / 5 |
| AVGM 114 | Materials and Processes | 5 / 7 |

Minimum Total Credit Hours

19 credits / 25 billing hours

Required Course Sequence

| Semester I (Fall) |
|-------------------|
| AVGM 111 |
| AVGM 112 |
| AVGM 113 |
| AVGM 114 |

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree titles, and make course changes as needed, without prior notice. The College also reserves the right to discontinue programs when warranted.