

About the Program

The Technical Certificate (T.C.) in Aviation Powerplant Mechanics prepares students for entry into the aviation maintenance industry. Graduates are prepared for the FAA written, oral and practical certificate examinations for the Airframe Mechanic rating.

Note: If you are considering employment in a state other than Florida, please visit fscj.edu/academics/license-disclose to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

Program Requirements

This program requires a **minimum of 24 credit hours**. Total program hours may vary based on the student's individual academic plan. This program is **not eligible** for financial aid.

Students in this program are not required to complete math courses unless they are listed as part of the certificate program. If you plan to pursue the degree program in this same field, please note that **upon successful completion of this program students may receive articulated College credit toward the Aviation Maintenance Management (2150) (A.S.) degree**, which includes a **Mathematical Thinking in Context math pathway**. To learn more about the Aviation Maintenance Management (A.S.) degree, visit fscj.edu/academics/programs/as/2150.

Application Procedure

This is a Selective Access program.

FAA certified Repair Stations are required to have all employees complete drug screening and a criminal background check for employment. Completion of this program is intended to lead to employment in certain safety sensitive positions. To ensure your safety as well as your employability in the widest possible manner, all students are required to submit drug screening and criminal background check results to the Aviation Department prior to enrolling in the program. Call the Aviation Maintenance Department at the number below for instructions on completing these requirements.

It is strongly recommended that students meet with the program manager or program advisor prior to enrollment in professional coursework to ensure proper curriculum sequencing.

Placement Testing

Please meet with an advisor to determine if college placement testing is required. Students who place into **developmental education courses** are required to complete designated developmental education courses with a grade of C or higher regardless of program of study and are also required to take one of two student success strategies courses. For additional information, visit catalog.fscj.edu/academics/developmental-education-programs or speak with an advisor.

Technical Certificate Graduation Requirements

- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn minimum prescribed semester hours for the chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

Catalog Year

This document is prepared for students with a **2025-26 College Catalog year** who have not tested into developmental education courses. **Students who enter under the 2025-26 catalog** will be assigned to the degree or certificate requirements in effect during the 2025-26 academic year. The student's assigned catalog year will remain in effect as long as the student maintains continuous enrollment. Changes to requirements as mandated by law or by rule of the District Board of Trustees may supersede this provision.

To maintain continuous enrollment, a student must have registration for, and successful completion of, at least one course within a three-term period. After three consecutive terms of no enrollment, the student will be discontinued from the current program of study and will need to apply to FSCJ to reenter under the same program of study. Upon readmission, the student will be assigned to the current catalog of record in the chosen program.

All courses in this program must be completed with a grade of C or higher.

Curriculum

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students. **Terms Offered** are subject to change. Please verify course availability at fscj.edu/schedules.

Term 1: Spring

Before enrolling in your first term classes, **please meet with an advisor** for specific guidance about your academic plan.

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| ☐ AMT 1771C - Aviation Maintenance Technology Powerplant I, Credit Hours: 6. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ AMT 1772C - Aviation Maintenance Technology Powerplant II, Credit Hours: 6. Terms Offered: Fall, Spring. | Grade Earned: _____ |

Term 2: Fall or Spring

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| ☐ AMT 1773C - Aviation Maintenance Technology Powerplant III, Credit Hours: 6. Terms Offered: Fall, Spring. | Grade Earned: _____ |
| ☐ AMT 1774C - Aviation Maintenance Technology Powerplant IV, Credit Hours: 6. Terms Offered: Fall, Spring. | Grade Earned: _____ |

Course Requirements

Prerequisites, corequisites, and conditions for any course are subject to change. Students must meet the prerequisite and corequisite requirements of any course at the time the student attempts to register for that course. If you have questions about the prerequisites, corequisites, or conditions for a course, please contact any academic advisor.

Professional Courses

Complete all of the following courses.

AMT 1771C - Aviation Maintenance Technology Powerplant I, Credit Hours: 6. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Must be admitted to Aviation Maintenance Management (2150) (A.S.) program or Aviation Powerplant Mechanics (6117) (T.C.) program. **Terms Offered**: Spring.

AMT 1772C - Aviation Maintenance Technology Powerplant II, Credit Hours: 6. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Must be admitted to Aviation Maintenance Management (2150) (A.S.) program or Aviation Powerplant Mechanics (6117) (T.C.) program. **Terms Offered**: Fall, Spring.

AMT 1773C - Aviation Maintenance Technology Powerplant III, Credit Hours: 6. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Must be admitted to Aviation Maintenance Management (2150) (A.S.) program or Aviation Powerplant Mechanic (6117) (T.C.) program. **Terms Offered**: Fall, Spring.

AMT 1774C - Aviation Maintenance Technology Powerplant IV, Credit Hours: 6. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Must be admitted to Aviation Maintenance Management (2150) (A.S.) program or Aviation Powerplant Mechanics (6117) (T.C.) program. **Terms Offered**: Fall, Spring.