

About the Program

The Technical Certificate (T.C.) in Automotive Service Technician prepares students for entry into the automotive repair industry. For more information about this program, visit fscj.edu/6236.

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 **eligible** for financial aid.

Students in this certificate 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 **this certificate articulates directly into the Automotive Service Management Technology (A236) (A.A.S.) degree**, which includes an **Algebra Through Calculus math pathway**. To learn more about the Automotive Service Management Technology (A.A.S.) degree, visit fscj.edu/academics/programs/as/a236.

Application Procedure

Students are required to have a high school diploma or GED®. Entrance into the program requires results of appropriate placement test or proof of exemption claimed on SB1720 student questionnaire.

Notice to prospective students: A poor driving record, certain felony convictions, or not having a regular unrestricted driver's license will adversely affect your employment opportunities as an Automotive Technician. Students are strongly encouraged to explore employment eligibility requirements for any career field before choosing and starting a program of study.

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.

Curriculum

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

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. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Term 1: Fall

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|--|---------------------|
| <input type="checkbox"/> AER 1081C - Introduction to Automotive Technology , Credit Hours: 4. Terms Offered: Fall, Spring, Summer. | Grade Earned: _____ |
| <input type="checkbox"/> AER 1694C - Electrical Systems I , Credit Hours: 4. Terms Offered: Fall. | Grade Earned: _____ |
| <input type="checkbox"/> AER 1498C - Steering and Suspension , Credit Hours: 4. Terms Offered: Fall. | Grade Earned: _____ |

Term 2: Spring

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|---|---------------------|
| <input type="checkbox"/> AER 1598C - Brake Systems , Credit Hours: 4. Terms Offered: Spring. | Grade Earned: _____ |
| <input type="checkbox"/> AER 1798C - Air Conditioning and Heating , Credit Hours: 4. Terms Offered: Spring. | Grade Earned: _____ |

Term 3: Summer, Fall or Spring

One or more Professional Electives are available every term.

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|---|---------------------|
| <input type="checkbox"/> Professional Elective course , Credit Hours: 1-4. | Grade Earned: _____ |
| <input type="checkbox"/> <i>If needed to satisfy the minimum credit hours (4) for Professional Elective Coursework:</i>
Professional Elective course , Credit Hours: 1-4. | Grade Earned: _____ |
| <input type="checkbox"/> <i>If needed to satisfy the minimum credit hours (4) for Professional Elective Coursework:</i>
Professional Elective course , Credit Hours: 1-4. | 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.

AER 1081C - Introduction to Automotive Technology, Credit Hours: 4. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall, Spring, Summer.

AER 1498C - Steering and Suspension, Credit Hours: 4. **Prerequisite(s)**: AER 1081C with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall.

AER 1598C - Brake Systems, Credit Hours: 4. **Prerequisite(s)**: AER 1081C and AER 1694C, each with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Spring.

AER 1694C - Electrical Systems I, Credit Hours: 4. **Prerequisite(s)**: AER 1081C with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall.

AER 1798C - Air Conditioning and Heating, Credit Hours: 4. **Prerequisite(s)**: AER 1081C and AER 1694C, each with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Spring.

Professional Elective Courses

Complete a minimum of 4 credit hours from the following courses.

AER 1420C - Advanced Driver Assistance Systems (ADAS) and Diagnosis, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall, Spring, Summer.

AER 1425C - The Connected Car: Autonomous Systems and Diagnosis, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall, Spring, Summer.

AER 1880C - Electric Vehicle Battery Maintenance, Credit Hours: 4. **Prerequisite(s)**: AER 1081C and AER 1694C, each with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Prior to enrollment in this course, students are strongly encouraged to complete a General Education mathematics core course with a grade of C or higher. Successful completion of this course requires a grade of C or higher. **Terms Offered**: Spring.

AER 1933 - Automotive Services Exploration, Credit Hours: 1. **Prerequisite(s)**: AER 1081C with a grade of C or higher. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Spring.

AER 2957 - Automotive Internship I, Credit Hours: 2. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall, Spring, Summer.

AER 2958 - Automotive Internship II, Credit Hours: 2. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: Successful completion of this course requires a grade of C or higher. **Terms Offered**: Fall, Spring, Summer.

BCN 2732 - Industrial Safety & Human Factors, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

GEB 1011 - Introduction to Business, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.