

Automotive Service Management Technology Program Roadmap

Use this roadmap to guide your progress and keep you moving toward graduation.

- ☒ **Avoid surprises** – Meet with your advisor each term to monitor your progress and address concerns early.
- ☒ **Review course requirements** – Check course prerequisites, corequisites, and conditions before registering each term to ensure you meet all requirements and stay on track for graduation.
- ☒ **Stay eligible** – Maintain your GPA and complete required courses to remain in good standing.
- ☒ **Graduate on time** – Stay on schedule to avoid delays and excess credit hours that may not be covered by financial aid.

About the Program

Credit Hours: 68 total credit hours. Total hours may vary based on individual academic plan. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Application Procedure

- ☐ Students are required to have a high school diploma or GED®.
- ☐ Entrance into the program requires the 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.

Available Electives

Minimum credit hours: 5.

- AER 1420C – Advanced Driver Assistance Systems (ADAS) and Diagnosis, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- AER 1425C – The Connected Car: Autonomous Systems and Diagnosis, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- AER 1880C – Electric Vehicle Battery Maintenance, Credit Hours: 4. Terms Offered: Spring.
- AER 1933 – Automotive Services Exploration, Credit Hours: 1. Terms Offered: Spring.
- AER 2957 – Automotive Internship I, Credit Hours: 2. Terms Offered: Fall, Spring, Summer.
- AER 2958 – Automotive Internship II, Credit Hours: 2. Terms Offered: Fall, Spring, Summer.
- BCN 2732 – Industrial Safety & Human Factors, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- CGS 1100C – Microcomputer Applications for Business and Economics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- CGS 1060C – Introduction to Information Technology, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- GEB 1011 – Introduction to Business, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.

Minimum Grade Requirement(s)

A minimum grade of C or higher is required in:

- ☐ All Professional coursework
- ☐ All Professional Elective coursework
- ☐ All General Education coursework

Stay on Track

Meet the associate in applied science degree graduation requirements:

- ☐ To be awarded the associate in applied science degree, students must have met the following requirements:
- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn a cumulative grade point average of 2.0 (C) at Florida State College at Jacksonville in courses eligible toward the Associate in Applied Science degree programs, excluding developmental education courses (A.A.S. Florida State College at Jacksonville GPA).
- ☐ Earn an all-college cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses attempted. This requirement includes Florida State College at Jacksonville college-credit semester hours and transferred credits (excluding developmental education) in lower division courses (All college cumulative).
- ☐ 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.
- ☐ Complete the required semester hours, as specified by the degree, of which a minimum of 15 semester hours must be general education requirements.
- ☐ Demonstrate competency in civic literacy by:
 - ☐ Completing a civic literacy course – AMH 2010, AMH 2020, or POS 2041 – with a grade of C or higher.
 - ☐ Achieving of the required standard score on a state-approved assessment.
- ☐ Earn a grade of a C or higher in each course used to satisfy the general education requirements and any other area designated with a C or higher requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

More Information Online

Program Webpage: fscj.edu/program?pcode=A236

Program Catalog Page: catalog.fscj.edu/programs/A236

Sample Roadmap

Term 1: Fall

Students may complete AER 1081C, AER 1694C and AER 1498C in the same term by completing AER 1081C in the A7 session and AER 1694C and AER 1498C in the C7 session.

Course	Credits	Course Type	Terms Offered
ENC 1101 – English Composition I or ENC 1101C – English Composition I Enhanced	3–4	General Education	Fall, Spring, Summer
AER 1081C – Introduction to Automotive Technology	4	Professional	Fall, Spring, Summer
AER 1694C – Electrical Systems I	4	Professional	Fall
AER 1498C – Steering and Suspension	4	Professional	Fall
Professional Elective course	1–4	Professional Elective	Fall, Spring, Summer

Term 2: Spring

Course	Credits	Course Type	Terms Offered
MAC 1105 – College Algebra or MAC 1105C – College Algebra Enhanced or MAC 1114 – College Trigonometry or MAC 1140 – Precalculus Algebra or MAC 1147 – Precalculus Algebra and Trigonometry or MAC 2233 – Calculus for Business and Social Sciences or MAC 2311 – Calculus With Analytic Geometry I or MAC 2312 – Calculus With Analytic Geometry II or MAC 2313 – Calculus With Analytic Geometry III or MAP 2302 – Differential Equations or MGF 1130 – Mathematical Thinking or STA 2023 – Elementary Statistics	3–5	General Education	Fall, Spring, Summer
AER 1598C – Brake Systems	4	Professional	Spring
AER 1798C – Air Conditioning and Heating	4	Professional	Spring
AER 1398 – Manual Transmission and Transaxles	4	Professional	Spring

Term 3: Fall

Course	Credits	Course Type	Terms Offered
AER 1198 – Engines	4	Professional	Fall
AER 2896 – Engine Performance I	4	Professional	Fall
AER 2695C – Electrical Systems II	4	Professional	Fall
AMH 2010 – United States History to 1877 or AMH 2020 – United States History from 1877 to the Present or POS 2041 – American Federal Government	3	General Education & Civic Literacy	Fall, Spring, Summer

Term 4: Spring

Course	Credits	Course Type	Terms Offered
AER 1291 – Automatic Transmissions and Transaxles	4	Professional	Spring
AER 2899 – Engine Performance II	4	Professional	Spring
AER 2895C – Engine Performance III	4	Professional	Spring
PHY 1020C – Physics for Liberal Arts with Laboratory	3	General Education	Fall, Spring, Summer

Term 5: Fall, Spring or Summer

Course	Credits	Course Type	Terms Offered
Professional Elective course	1–4	Professional Elective	Fall, Spring, Summer
ARH 2000 – Art in the Humanities or HUM 2020 – Topics in the Humanities or LIT 2000 – Literature in the Humanities or MUL 2010 – Music in the Humanities or PHI 2010 – Philosophy in the Humanities or THE 2000 – Theatre in the Humanities	3	General Education	Fall, Spring, Summer