

The Associate in Applied Science (A.A.S.) Degree in Automotive Service Management Technology prepares students for employment as service technicians in the automotive service industry.

This two-year training program is hands-on and teaches students to service, diagnose, and repair today's vehicle systems. A combination of theory and practical instruction prepares students for distinctive success and contributes to the economic development of the College's service area.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> View career information at http://www.fscj.edu/careercoach
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Fulfill the Civic Literacy requirement.
<input type="checkbox"/> Satisfy the associate in science degree graduation requirements.

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.

Career Options

The Automotive Service Management Technology program prepares students for a job as an expert auto and light truck technician. Upon completion of the program, students will be comfortable with high-tech electronic engine controls and electrical and computerized systems. Safe, efficient work practices and "people skills" are part of the excellent all-around instruction.

Application Procedure

Students must follow the application procedure outlined in the current College Catalog.

Advising

(904) 633-8334 or autodiesel@fscj.edu.

Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.** A minimum grade of C or higher must be achieved in all courses used to satisfy the general education and civic literacy requirements.

A list of Professional Elective Coursework options is available at the end of this document.

Term 1

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1081C: Introduction to Automotive Technology	4	Fall, Spring	On-Campus
<input type="checkbox"/>	ENC 1101: English Composition I or ENC 1101C: English Composition I Enhanced	3 or 4	Varies	Varies
<input type="checkbox"/>	MAC 1105: College Algebra or higher-level MAC prefix course or MAP 2302: Differential Equations or MGF 1106: Topics in College Mathematics or MGF 1107: Explorations in Mathematics or STA 2023: Elementary Statistics	3-5	Varies	Varies
<input type="checkbox"/>	PHY 1020C: Physics for Liberal Arts with Laboratory	3	Varies	Varies

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1398: Manual Transmission and Transaxles	4	Spring, Summer	On-Campus
<input type="checkbox"/>	AER 1598C: Brake Systems	4	Spring, Summer	On-Campus
<input type="checkbox"/>	AER 1798C: Air Conditioning and Heating	4	Spring, Summer	On-Campus
<input type="checkbox"/>	AMH 2020: United States History From 1877 to the Present or POS 2041: American Federal Government	3	Varies	Varies

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1198: Engines	4	Summer, Fall	On-Campus
<input type="checkbox"/>	AER 2896: Engine Performance I	4	Summer, Fall	On-Campus
<input type="checkbox"/>	AER 2695C: Electrical Systems II	4	Summer, Fall	On-Campus
<input type="checkbox"/>	Professional Elective	1-4	Varies	Varies

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. 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. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105.

Related Roadmaps

Embedded Technical Certificate(s)

Technical certificates are available within this degree program. Students may pursue the A.S. degree and earn technical certificates while completing the requirements for the degree or pursue one or more certificates to develop or upgrade their skills in a particular field. Contact an advisor to determine the career education path that is best for you. Embedded technical certificate(s) include:

- Automotive Service Technician
- Advanced Driver Assistance Systems (ADAS) Technician

Program Learning Outcomes

Upon completing this program, students will be able to demonstrate proficiency in the following program learning outcomes:

- Students will communicate information effectively to others
- Students will apply analytical critical thinking and problem-solving skills to financial information
- Students will analyze, record, and report financial information for external users in accordance with accounting principles, government regulations, and professional standards
- Students will analyze and report internal business and financial information to facilitate management of business operations

Term 4

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1694C: Electrical Systems I	4	Fall, Spring	On-Campus
<input type="checkbox"/>	AER 1498C: Steering and Suspension	4	Fall, Spring	On-Campus
<input type="checkbox"/>	Professional Elective	1-4	Varies	Varies
<input type="checkbox"/>	ARH 2000: Art in the Humanities or PHI 2010: Philosophy in the Humanities or MUL 2010: Music in the Humanities or LIT 2000: Literature in the Humanities or HUM 2020: Topics in the Humanities or THE 2000: Theatre in the Humanities	3	Varies	Varies

Term 5

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1291: Automatic Transmissions and Transaxles	4	Spring, Summer	On-Campus
<input type="checkbox"/>	AER 2899: Engine Performance II	4	Spring, Summer	On-Campus
<input type="checkbox"/>	AER 2895C: Engine Performance III	4	Spring, Summer	On-Campus
<input type="checkbox"/>	Professional Elective (if needed)	1-4	Varies	Varies

Total Program Credit Hours

The Automotive Service Management A.A.S. program requires a **minimum of 68 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance.

Professional Elective Coursework Options

Minimum Credit Hours: 5

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	AER 1420C: Advanced Driver Assistance Systems (ADAS) and Diagnosis	4	Fall	Hybrid
<input type="checkbox"/>	AER 1425: The Connected Car: Autonomous Systems and Diagnosis	3	Spring	Hybrid
<input type="checkbox"/>	AER 1933L: Automotive Services Lab	1	Varies	On-Campus
<input type="checkbox"/>	AER 2957: Automotive Internship I	2	All	Varies
<input type="checkbox"/>	AER 2958: Automotive Internship II	2	All	Varies
<input type="checkbox"/>	BCN 2732: OSHA Safety	3	All	On-Campus
<input type="checkbox"/>	CGS 1100C: Microcomputer Applications for Business and Economics	3	All	All
<input type="checkbox"/>	CGS 1060C: Introduction to Information Technology	3	All	All
<input type="checkbox"/>	GEB 1011: Introduction to Business	3	All	Hybrid, Online