



AUTOMOTIVE SERVICE MANAGEMENT TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Program Code: A004

Career Pathway: Industry, Manufacturing, Construction & Transportation

Location(s): General Education courses are offered at all BC locations. Program specific courses for this program are offered at the Judson A. Samuels South Campus. (<https://www.broward.edu/about/locations/>)

Program Entrance Requirements: HS Diploma or GED. Students must also possess and maintain a valid and unrestricted driver's license in order to participate in co-op courses.

Program Description: This program is designed to prepare entry-level automotive technicians and to provide academic background for advancement to management positions in the automotive service industry. Visit the program's website (<http://www.broward.edu/academics/programs/auto/Pages/default.aspx>) for additional information.

Additional Program Information: In order to graduate with the Automotive Service Management Technology AAS degree students must complete the prescribed coursework, earn a "C" or better in all courses, and earn a passing score on two of the ASE industry standard certification tests (A1-A8).

- Automotive Service Technician, Technical Certificate 6310
- General Automotive Technician, Technical Certificate 6326
- Automotive Service Management Technology, Associate of Applied Science A004
- Bachelor of Applied Science

Course	Title	Credits	6310	6326
ENC1101	COMPOSITION I	3.00		
AER1081C	INTRODUCTION TO AUTOMOTIVE TECH.	4.00	X	X
AER1698C	ELECTRICAL SYSTEMS	4.00	X	X
AER1695C	AUTOMOTIVE ELECTRONICS	4.00	X	X
GE Course	General Education Mathematics Core	3.00		
AER1198C	AUTOMOTIVE ENGINE REPAIR	4.00		X
AER2598C	BRAKE SYSTEMS AND CHASSIS REPAIR	4.00	X	X
AER2498C	STEERING AND SUSPENSION SYSTEMS	4.00	X	X
GE Course	General Education Speech	3.00		
GE Course	General Education Humanities Core	3.00		
AER2758C	HEATING AND AIR CONDITIONING THEORY	4.00	X	X
AER2398C	MANUAL DRIVE TRAIN AND AXLES	4.00		X
AER2298C	AUTOMATIC TRANSMISSIONS AND TRANSAXLES	4.00		X
AER2898C	ENGINE PERFORMANCE	4.00		X
AER2895C	ADVANCED ENGINE PERFORMANCE	4.00		X
AER2948	CO-OP WORK EXPERIENCE INTRODUCTION	3.00		
GE Course	General Education Natural Science Core	3.00		
AER2949	CO OP WORK EXPERIENCE	3.00		
AMH2020 or POS2041	HISTORY OF THE UNITED STATES SINCE 1877 NATIONAL GOVERNMENT	3.00		
Total Credits			68	24
				44

Notes:

See General Education course information here (<https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/>).

Students must satisfy the Digital Literacy requirement by testing out, completing a Credit for Prior Learning portfolio, or passing CGS1060C COMPUTER AND INTERNET LITERACY.

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at [broward.edu/civic-literacy](https://students.broward.edu/resources/civic-literacy/) (<https://students.broward.edu/resources/civic-literacy/>).

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.

Program Highlights

Credit for Prior Learning

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...

Related Industry Certifications

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses: Students will be eligible to sit for up to 8 ASE industry standard certifications (A1-A8). Students must pass at least two ASE certifications in order to graduate from the program.

Get an Internship

After completing your first year of coursework make sure to visit Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

Median Wage and Job Growth Outlook

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.

Fund Your Education

This program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available. This program is part of the Career Source Broward ITA List (<http://careersourcebroward.com/>).

Program Learning Outcomes

Graduates from this program will:

- Diagnose multiple automotive problems, including electrical issues that include power and ground circuits as well as complex computer related failures.
- Demonstrate proficiency in engine repair service.
- Demonstrate the ability to diagnose and repair common gas engine problems.
- Demonstrate the ability to diagnose and repair common electrical problems.
- Demonstrate an understanding of safety preparedness in the formal industry setting.