



# Academic & Career **PATHWAYS**

## Associate of Applied Science (A.A.S.)

### Automotive Technology Mechanical Emphasis – Part-Time Advising Guide

The A.A.S. in Automotive Technology with the Mechanics Emphasis prepares students to work in dealerships, service centers, or independent repair facilities.

Complete all the courses below to earn the A.A.S degree and the highlighted courses only to earn the **Automotive Technology Certificate**.

	Course	Degree Requirements Met	Credits	Action Steps
Semester 1				
<input type="checkbox"/>	AUTO 166_ Automotive Electrical Systems	Program Requirement	6	▪ Meet with Student Success Advisor to build degree plan
<input type="checkbox"/>	AUTO 170_ Automotive Braking Systems	Program Requirement	4	
Total Semester Credits			10	
Semester 2				
<input type="checkbox"/>	AUTO 172_ Automotive Suspension and Steering	Program Requirement	4	▪ Meet with Student Success Advisor
<input type="checkbox"/>	AUTO 279_ Automotive Electronic Systems	Program Requirement	6	
Total Semester Credits			10	
Semester 3				
<input type="checkbox"/>	MATH 102_ Technical and Business Math	General Education Elective	3	▪ Meet with Student Success Advisor ▪ Meet with <a href="#">Career Center</a>
<input type="checkbox"/>	AUTO 174_ Manual Drivetrain and Axles	Program Requirement	4	
Total Semester Credits			7	
Semester 4				
<input type="checkbox"/>	AUTO 150_ Automotive Engine Repair	Program Requirement	6	▪ Meet with Student Success Advisor ▪ Complete <a href="#">Civics Exam</a> with 70% or higher
<input type="checkbox"/>	HIST 120_ United States History to 1865 HIST 121_ United States History since 1865 or POLS 136_ Introduction to U.S. National Politics <b><u>Choose one</u></b>	General Education Requirement: Social Sciences	3	
Total Semester Credits			9	
Semester 5				
<input type="checkbox"/>	AUTO 272_ Automatic Transmissions and Transaxles	Program Requirement	6	▪ Meet with Student Success Advisor
<input type="checkbox"/>	ENGL 101_ Composition & Reading I	General Education Requirement: Communications	3	
Total Semester Credits			9	
▪ Semester 6				
<input type="checkbox"/>	AUTO 264_ U.S. Latino and Latina Literature	Program Requirement	4	▪ Meet with Student Success Advisor
Total Semester Credits			4	
▪ Semester 7				
<input type="checkbox"/>	AUTO 276_ Automotive Engine Performance	Program Requirement	6	▪ Meet with Student



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<input type="checkbox"/>	ENGL 215_ Technical Writing	General Education Elective	3	Success Advisor
<b>Total Semester Credits</b>			<b>9</b>	<ul style="list-style-type: none"> <li>▪ <a href="#">Apply</a> for Graduation</li> <li>▪ Apply for jobs</li> </ul>
<b>Semester 8</b>				
<input type="checkbox"/>	AUTO 280_ Diagnosis and Repair		4	<ul style="list-style-type: none"> <li>▪ Meet with Student Success Advisor</li> </ul>
<input type="checkbox"/>	COMM 100_ Fundamentals of Speech		3	
<input type="checkbox"/>	PSYC 140_ General Psychology		3	
<b>Total Semester Credits</b>			<b>10</b>	
<b>Credits Required for A.A.S. Degree</b>			<b>68*</b>	
<b>Credits Required for Automotive Technology Certificate</b>			<b>50</b>	
<i>*The A.A.S. in Automotive Technology Mechanical Emphasis requires a minimum of 68* total credits to graduate. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.</i>				

This Pathway Map is an advising tool designed for part-time students and identifies the course recommendations for timely degree completion. All pathway maps can be modified to fit the individual needs of students. All students are encouraged to meet with their success advisor to develop an individualized completion plan that best meets their goals, interests, and objectives. Degree requirements and prerequisite information can be found here: [Automotive Technology](#)

Please note:

Courses may require a prerequisite or appropriate placement, see the [Academic Catalog](#) for additional information.