

## COMPLETER: Auto Service Technology

CREDITS: 6

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	❖AP Language and Composition	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I (1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
<b>Completer Program Requirements</b>			Auto Service Technology I (3)	Auto Service Technology II (3)
<b>Career Specific Electives</b> (may be taken any year offered after prerequisites have been satisfied)	❖Recommended AP Connections: AP Environment Studies (1), AP Physics (1) Advanced Design Applications (1), Technological Design (1), Math Elective beyond Alg. II (.5-1), Science Elective (.5-1), Agricultural Mechanical Technology (1), Chemistry I or Honors Chemistry I (1), Business Communication & Keyboarding (1), Public Speaking (.5), Trigonometry & Pre-Calculus or Honors Trigonometry & Pre-Calculus (1), Technological Issues & Impacts (1), Internship (.5-1)			
8 credits possible per year				
<b>Value Added:</b> <b>From:</b>  <b>Program:</b>	Up to 15 Articulated Credits Community College of Baltimore County, Catonsville Automotive Technology	Up to 15 Articulated Credits Penn College of Technology Automotive Technology	Up to 12 Articulated Credits University of Northwestern Ohio Automotive Technology	Up to 4 Articulated credits Universal Technical Institute Automotive Technology
<b>End of Program Test:</b> <b>Industry:</b> <b>Taken:</b>	Auto Service Excellence (ASE) Exams in Brakes, Electrical/Electronic Systems, Engine Performance, and Suspension/Steering Auto Service Excellence (ASE) Certification At the completion of each section during Auto Service Technology I & II			



### AUTO SERVICE TECHNOLOGY - Six Credit Completer

#### AUTO SERVICE TECHNOLOGY

Course: 551337-I (Articulated) 3 credits  
551537-II (Articulated) 3 credits

This program provides the necessary knowledge and skills to enter the automotive service field. Students learn about all the major systems of the automobile including the electrical, lubrication, fuel, cooling, ignition, suspension, braking, engine, transmission, and emissions. Training includes the use of technical manuals, computerized diagnostic equipment, and a variety of hand and power tools. At the end of the program, students take certification tests.

Prerequisites and other notes: These courses are part of the Auto Service Technology completer program. At the end of this program, students will take the Auto Service Excellence exam – Developed by Auto Service Excellence (ASE) National Automotive Technicians Education Foundation (NATEF), and Skills USA Certification Tests for Maintenance and Light Repair, Brakes, Electrical/Electronic Systems, Engine Performance, and Suspension & Steering.