
AUTOMOTIVE TECHNOLOGY

PROGRAM OVERVIEW

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 Automotive 108
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This degree program is designed to provide the student with the knowledge of the mechanical systems used in modern automobiles and the diagnostic and repair skills required by dealerships, independent repair facilities, automotive manufacturers, and parts suppliers and distributors. Our state-of-the-art tools, diagnostic equipment, and lab facilities allow for extensive hands-on training. Upon completion of this career program, the student will be prepared for employment in an automotive field or transfer to a four-year degree program in a related field. Self-employment is also a career option. An agreement with the Pennsylvania College of Technology allows Allegany College of Maryland automotive technology degree students to transfer 45 automotive credits towards a Bachelors degree in Automotive Technology Management. If you plan to transfer to a four-year college or university, please check with your advisor and the Advising Center staff as soon as possible. Our program has been evaluated by the ASE Education Foundation and certified to meet the requirements designated by the National Institute for Automotive Service Excellence (ASE). Additional charges for automotive technology students will include a \$50 replacement tool fee (each semester), a \$53 student uniform fee (Fall semester) and a \$45 ASE Testing Fee (Fall semester). The Automotive Technology program at Allegany College of Maryland has been designated as a Statewide Program by the Maryland Higher Education Commission. Maryland residents from counties other than Allegany County who register in this eligible program will be charged the out-of-county tuition rate. However, these students may be eligible to receive reimbursement for a portion of the cost difference between the in-county and out-of-county tuition rates. Funding availability for this program is based on funding from the State of Maryland and is thus subject to change each semester. Some restrictions apply. More information can be obtained by contacting the Admissions Office.

Successful completion of this program qualifies a student to apply for an Associate of Applied Science degree in Automotive Technology. In addition, graduation from this program will count toward the work experience requirement needed when applying for ASE (Automotive Service Excellence) testing.

COURSE REQUIREMENTS

REQUIRED AUTOMOTIVE COURSES

AUTO-101	Internal Combustion Engines I
AUTO-102	Internal Combustion Engines II
AUTO-103	Automotive Electricity I
AUTO-104	Automotive Fuel Systems
AUTO-105	Related Technical Automotive
AUTO-106	Automotive Ignition Systems
AUTO-114	Automotive Brakes
AUTO-201	Automotive Transmissions
AUTO-203	Engine Testing
AUTO-205	Body Repair and Refinishing
AUTO-206	Air Conditioning
AUTO-209	Automotive Diesel
AUTO-212	Automotive Internship
AUTO-215	Steering and Suspension
AUTO-216	Automotive Electricity II

REQUIRED GENERAL COURSES

ENG-101	English Composition I
ENG-112	Business and Technical Communication
MATH-105	Elements of Mathematics
SPCH-101	Speech Communication

REQUIRED ELECTIVE COURSES

Please consult with your advisor or the Advising Center staff for selecting appropriate elective courses for graduation.

Business Administration Elective - 3 credits

Social and Behavioral Science Elective - 3 credits

Science Elective - 3-4 credits

PROGRAM PATH

AUTOMOTIVE TECHNOLOGY

TWO-YEAR CAREER PROGRAM

PREPARATION FOR EMPLOYMENT

FIRST SEMESTER

	<u>Credit Hours</u>
Automotive Technology 101 (Internal Combustion Engines I)	4
Automotive Technology 103 (Automotive Electricity I)	4
Automotive Technology 105 (Related Technical Automotive)	2
Automotive Technology 114 (Automotive Brakes)	2
English 101 (English Composition I)	3
Mathematics 105 (Elements of Mathematics)	3
Total:	18

SECOND SEMESTER

Automotive Technology 102 (Internal Combustion Engines II)	4
Automotive Technology 104 (Automotive Fuel Systems)	3
Automotive Technology 106 (Automotive Ignition Systems)	2
Automotive Technology 209 (Automotive Diesel)	4
English 112 (Business and Technical Communication)	3
Total:	16

SUMMER SESSION (following second semester)

Automotive 212 (Automotive Internship)	1
Total:	1

THIRD SEMESTER

Automotive Technology 201 (Automotive Transmissions)	4
Automotive Technology 205 (Body Repair and Refinishing)	3
Automotive Technology 215 (Steering and Suspension)	4
Business Administration Elective	3
Speech 101 (Speech Communication)	3
Total:	18

FOURTH SEMESTER

Automotive Technology 203 (Engine Testing)	4
Automotive Technology 206 (Air Conditioning)	2
Automotive Technology 216 (Automotive Electricity II)	4
Social and Behavioral Science Elective	3
Science Elective	3-4
Total:	16-17
Total Credit Hours:	68-69

NOTE: All courses specifically identified by course number are graduation requirements for this program.