

AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

61 credits

The Associate of Applied Science in Automotive Technology provides training for employment as an automotive technician or in a related field. The Automotive Technology laboratory and classroom facilities have been equipped with the most current test and training equipment available. Classroom instruction is combined with practical training in the laboratory to provide students with service and repair procedures required for ASE certification. Additional training is available for those technicians seeking to update current practices in the ASE certification areas.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 61 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Program Requirements

Prefix	Title	Credits
General Education		
<i>Choose one course from four of the following six content areas for a total of 12-14 credits^{1,2}</i>		13
This degree requires courses from Areas I, IV, V and IV; students do not need to select any other General Education courses to complete the requirement		
Area I: Communications		
ENGL 1110G	Composition I	
Area IV: Social/Behavioral Sciences		
Select one from the following:		
PSYC 1110G	Introduction to Psychology	
or SOCI 1110G	Introduction to Sociology	
Area V: Humanities		
Select one from the following:		
HIST 1110G	United States History I	
HIST 1120G	United States History II	
PHIL 1115G	Introduction to Philosophy	
PHIL 2110G	Introduction to Ethics	
Area VI: Creative and Fine Arts		
Select one from the following:		
ARTH 1115G	Orientation in Art	
THEA 1110G	Introduction to Theatre	
<i>General Education Elective</i>		
ENGL 2210G	Professional & Technical Communication	3
Automotive Core Requirements		
AUTO 112	Basic Gasoline Engines	5
AUTO 117	Electronic Analysis and Tune-Up of Gasoline Engines	5
AUTO 119	Manual Transmission/Clutch	5
AUTO 120	Electrical Systems	4
AUTO 125	Brakes	5
AUTO 126	Suspension, Steering, and Alignment	5

AUTO 132	Automotive Air-Conditioning and Heating Systems	4
or AUTO 127	Basic Automatic Transmission	
AUTO 137	Fuel Systems and Emission Controls	4
AUTO 295	Special Topics (Basic Auto Maintenance)	2
OETS 118	Mathematics for Technicians	3
or MATH 1215	Intermediate Algebra	
WELD 130	Introduction to GMAW MIG	3
Total Credits		61

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Each course selected must be from a different area and students cannot take multiple courses in the same area.

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See the General Education (<http://catalogs.nmsu.edu/grants/general-education/>) section of the catalog for a full list of courses