AUTOMOTIVE AND HYBRID TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

NMSU Alamogordo 2024-2025 Catalog

A grade of C- or better is required in all courses.

Total Credits Required for Degree: 62

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 62 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.

Prefix	Title	Credits
General Education Requirements		
Select one course from four of the following six content areas for a total of 12-14 credits. [1,2]		*12-14*
This degree requires courses from Areas I and II; students must select two courses from the remaining areas to complete General Education requirements.		
Area I: Communications		
COMM 1130G	Public Speaking	
or COMM 1115G	Introduction to Communication	
Area II: Mathematics		
MATH 1220G	College Algebra	
or MATH 1130G	Survey of Mathematics	
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VI: Creative/Fine Arts		
General Education Elective		
Select one course from any General Education area. [2]		3-4
Program Requirements		
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 114	Automotive Electricity and Electronics PT II	4
AUTO 115	Automotive Engine Repair	4
AUTO 122	Automotive Brakes	4
AUTO 124	Automotive Heating and Air Conditioning	4
AUTO 129	Automotive Steering and Suspension	4
AUTO 201	Engine Performance I	4
AUTO 203	Engine Performance II	4
AUTO 205	Manual Drive Train and Axles	4
AUTO 206	Automatic Transmissions	5
AUTO 208	Introduction to Alternative Fueled Vehicles	3
or AUTO 209	Hybrid Vehicle Service Techniques	
OETS 120	Business Fundamentals	3
Total Credits		**62**

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

[2] See the General Education Section (https://catalogs.nmsu.edu/alamogordo/general-information/general-education-new-mexico-common-core/) of the catalog for a full list of courses.

[3] MATH 1220G College Algebra or MATH 1130G Survey of Mathematics is required for the degree but students may need to take prerequisites to enter the course.