

AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2025-2026 Catalog (62 credits)

NOTE: Students must earn a final grade of C-/S or better in all required AUTO courses/Technical Requirements and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total 66 credits as required by the degree. 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		
<i>Choose one course from four of the following six content areas for a total of 12-14 credits</i> ^{1,2}		12-14
This degree requires a course from Area I, students must select three courses from the remaining areas to complete General Education requirements (at least 9 credits worth).		
Area I: Communications - English Composition Level 1		
ENGL 1110G	Composition I ³	
Area III: Laboratory Sciences ³		
Area IV: Social/Behavioral Sciences ³		
Area V: Humanities ³		
Area VI: Creative and Fine Arts ³		
<i>General Education Elective - Area I: Communications - Oral Communications</i>		
COMM 1115G	Introduction to Communication ³	3
or COMM 1130G	Public Speaking	
Or other approved New Mexico General Education Area I course listed in Oral Communication in the current DACC/NMSU Catalog		
Core Requirements		
Choose one from the following:		3
OETS 118	Mathematics for Technicians	
MATH 1215	Intermediate Algebra ³	
MATH 1220G	College Algebra (or higher) ³	
Electives		
Approved Technical Elective (AUTO, WELD, HVAC, BMGT, BUSA, OECS 105, ELT)		3
Major Requirements		
<i>Technical Requirements</i>		
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 123	Job Shadowing	1
AUTO 127	Basic Automatic Transmission	4
AUTO 129	Automotive Steering and Suspension	4

AUTO 132	Automotive Air-Conditioning and Heating Systems	4
AUTO 200	Engine Performance	4
AUTO 205	Manual Drive Train and Axles	4
AUTO 221	Cooperative Experience I	2
AUTO 290	ASE Certification Preparation	1
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 (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.

³ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

(62 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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First Year		
Fall		Credits
ENGL 1110G	Composition I	4
OETS 118	Mathematics for Technicians	3
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra (or higher)	
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 115	Automotive Engine Repair	4
AUTO 123	Job Shadowing	1
Credits		16
Spring		
AUTO 114	Automotive Electricity and Electronics PT II	4
AUTO 122	Automotive Brakes	4
AUTO 127	Basic Automatic Transmission	4
AUTO 129	Automotive Steering and Suspension	4
Credits		16
Summer		
COMM 1115G	Introduction to Communication	3
or COMM 1130G	or Public Speaking	
Or other approved New Mexico General Education Area I course listed in Oral Communication in the current DACC/NMSU Catalog		
Credits		3

Second Year

Fall

Select one course from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required. 3-4

AUTO 200	Engine Performance	4
AUTO 205	Manual Drive Train and Axles	4
AUTO 132	Automotive Air-Conditioning and Heating Systems	4
Credits		15-16

Spring

Select one course from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required. 3-4

Approved Technical Elective (AUTO, WELD, HVAC, BMGT, BUSA, OECS 105, ELT)		3
AUTO 221	Cooperative Experience I	2
AUTO 290	ASE Certification Preparation	1
Credits		9-10
Total Credits		59-61