

AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2026-2027 Catalog (66-67 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		
Choose one course from four of the following six content areas for a total of 12-14 credits ^{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	
	or ENGL 1110H Composition I Honors	
	or ENGL 1110M Composition I	
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, MAT, ELT)		3
Major Requirements		
<i>Technical Requirements</i>		
AUTO 112	Basic Gasoline Engines	5
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 114	Automotive Electricity and Electronics PT II	4
AUTO 119	Manual Transmission/Clutch	5
AUTO 123	Job Shadowing	1
AUTO 125	Brakes	5
AUTO 126	Suspension, Steering, and Alignment	5

AUTO 127	Basic Automatic Transmission	4
AUTO 132	Automotive Air-Conditioning and Heating Systems	4
AUTO 200	Engine Performance	4
AUTO 221	Cooperative Experience I	2
AUTO 290	ASE Certification Preparation	1
Total Credits		66-67

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.

(66-67 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		Credits
Fall		
ENGL 1110G	Composition I	4
OETS 118	Mathematics for Technicians	3
	MATH 1215 Intermediate Algebra	
	MATH 1220G College Algebra (or higher)	
AUTO 112	Basic Gasoline Engines	5
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 123	Job Shadowing	1
Credits		17
Spring		
AUTO 114	Automotive Electricity and Electronics PT II	4
AUTO 125	Brakes	5
AUTO 126	Suspension, Steering, and Alignment	5
AUTO 127	Basic Automatic Transmission	4
Credits		18
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.

AUTO 119	Manual Transmission/Clutch	5
AUTO 200	Engine Performance	4
AUTO 132	Automotive Air-Conditioning and Heating Systems	4
Credits		16-17

Spring

Select 2 courses from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required.

Approved Technical Elective (AUTO, WELD, HVAC, BMGT, BUSA, OECS 105, MAT, ELT)		3
AUTO 221	Cooperative Experience I	2
AUTO 290	ASE Certification Preparation	1
Credits		12
Total Credits		66-67