

# ADVANCED AUTOMOTIVE TECHNICIAN - CERTIFICATE OF COMPLETION

## Doña Ana Community College 2024-2025 Catalog (45-46 credits)

NOTE: Students must earn a final grade of C- 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 to total at least 45 credits (45-46 of credits listed for 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
<b>Related Requirements</b>		
<i>Mathematics Course (Choose one of the following)</i>		3-4
OETS 118	Mathematics for Technicians	
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra	
MATH 1250G	Trigonometry & Pre-Calculus ((or higher 3 or 4 credit Math course))	
OETS 103 or ENGL 1110G	Technical Career Skills Composition I	4
<b>Technical Requirements</b>		
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 290	ASE Certification Preparation	1
<b>Total Credits</b>		<b>45-46</b>

### (45-46 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.

NOTE: Students must earn a final grade of C- 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 to total at least 45 credits (45-46 of credits listed for 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.

<b>Semester 1</b>		<b>Credits</b>
OETS 118	Mathematics for Technicians (or other approved math course)	3
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 115	Automotive Engine Repair	4
AUTO 122	Automotive Brakes	4
AUTO 123	Job Shadowing	1
<b>Credits</b>		<b>16</b>
<b>Semester 2</b>		
OETS 103 or ENGL 1110G	Technical Career Skills or Composition I	4
AUTO 114	Automotive Electricity and Electronics PT II	4
AUTO 127	Basic Automatic Transmission	4
AUTO 129	Automotive Steering and Suspension	4
<b>Credits</b>		<b>16</b>
<b>Semester 3</b>		
AUTO 132	Automotive Air-Conditioning and Heating Systems	4
AUTO 200	Engine Performance	4
AUTO 205	Manual Drive Train and Axles	4
AUTO 290	ASE Certification Preparation	1
<b>Credits</b>		<b>13</b>
<b>Total Credits</b>		<b>45</b>