

# AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

**(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.

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, 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.

### 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 112	Basic Gasoline Engines	5
AUTO 113	Automotive Electricity and Electronics PT I	4
AUTO 123	Job Shadowing	1
<b>Credits</b>		<b>17</b>

### 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
<b>Credits</b>		<b>18</b>

### Summer

COMM 1115G or COMM 1130G	Introduction to Communication or Public Speaking	3
Or other approved New Mexico General Education Area I course listed in Oral Communication in the current DACC/NMSU Catalog		
<b>Credits</b>		<b>3</b>

### Second Year

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

### 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.		6
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
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>66-67</b>