

# AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

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
<b>General Education</b>		
Choose one course from four of the following six content areas for a total of 12-14 credits. <sup>1,2</sup>		12-14
Area I: Communications		
Area II: Mathematics		
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VI: Creative and Fine Arts		
General Education Elective <sup>2</sup>		3-4
<b>Core Curriculum Requirements</b>		
AUTO 112	Basic Gasoline Engines	5
AUTO 117	Electronic Analysis and Tune-Up of Gasoline Engines	5
OETS 118	Mathematics for Technicians	3
AUTO 119	Manual Transmission/Clutch	5
AUTO 120	Electrical Systems	4
AUTO 125	Brakes	5
AUTO 126	Suspension, Steering, and Alignment	5
AUTO 127 or AUTO 132	Basic Automatic Transmission Automotive Air-Conditioning and Heating Systems	4
AUTO 137	Fuel Systems and Emission Controls	4
<b>Related Requirements</b>		
Approved BMGT Elective		3
OECS 105 or OECS 227	Introduction to Information Technology Computer Applications for Technicians	3
OETS 102	Career Readiness Certification Preparation	1
<b>Total Credits</b>		<b>62-65</b>

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 (<http://catalogs.nmsu.edu/carlsbad/essential-information-students/general-education-courses/>) section of the catalog for a full list of courses.

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

<b>First Year</b>		
<b>Fall</b>		
AUTO 112	Basic Gasoline Engines	5
AUTO 120	Electrical Systems	4
AUTO 126	Suspension, Steering, and Alignment	5
<b>Credits</b>		<b>14</b>
<b>Spring</b>		
AUTO 117	Electronic Analysis and Tune-Up of Gasoline Engines	5
AUTO 125	Brakes	5
AUTO 119	Manual Transmission/Clutch	5
OETS 102	Career Readiness Certification Preparation	1
<b>Credits</b>		<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3
OETS 118	Mathematics for Technicians	3
OECS 105 or OECS 227	Introduction to Information Technology or Computer Applications for Technicians	3
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3-4
ENGL 1110G	Composition I (Recommended)	
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3-4
<b>Credits</b>		<b>15-17</b>
<b>Spring</b>		
AUTO 127 or AUTO 132	Basic Automatic Transmission or Automotive Air-Conditioning and Heating Systems	4
AUTO 137	Fuel Systems and Emission Controls	4
Approved BMGT Elective		3
GEN Ed Course - One course from Areas I-VI <sup>1,2</sup>		3
General Education Elective - Any "G" Course <sup>2</sup>		3-4
<b>Credits</b>		<b>17-18</b>
<b>Total Credits</b>		<b>62-65</b>

1

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2

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