



## Automotive Technology

CIP Code 47.0604

### Course Sequence Chart



	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
<b>FUNDAMENTALS</b>	<b>AUT111</b> 60 Automotive Technology Safety <b>AUT112</b> 60 Automotive Hand Tools and Equipment <b>PFS109</b> 7.5 Leadership Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>	<b>AUT121</b> 60 Electrical Fundamentals <b>AUT122</b> 60 Automotive Electrical Systems <b>PFS110</b> 7.5 Leadership Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>	<b>AUT131</b> 60 Wheels and Tires <b>AUT132</b> 60 Automotive Express Services  <p style="text-align: right;"><b>TOTAL: 120</b></p>	<b>AUT141</b> 45 Engine Fundamentals <b>AUT142</b> 60 Engine Diagnosis and Repair <b>AUT143</b> 15 Automotive Technical Math L1  <p style="text-align: right;"><b>TOTAL: 120</b></p>
<b>ADVANCED LEVEL II</b>	<b>AUT211</b> 60 Electrical Subsystems <b>AUT212</b> 60 Electrical Diagnosis and Repair  <p style="text-align: right;"><b>TOTAL: 120</b></p>	<b>AUT221</b> 60 Braking System Theory and Fundamentals <b>AUT222</b> 60 Braking Systems Diagnosis and Repair  <p style="text-align: right;"><b>TOTAL: 120</b></p>	<b>AUT231</b> 60 Suspension Systems <b>AUT232</b> 60 Steering Systems and Alignment <b>PFS209*</b> 7.5 Business Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>	<b>AUT241</b> 60 Automotive Drivetrains <b>AUT242</b> 45 Automotive Transmissions and Transaxles <b>AUT243</b> 15 Automotive Technical Math L2 <b>PFS211*</b> 7.5 Business Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>
<b>ADVANCED LEVEL III</b>	<b>AUT311</b> 30 Hybrid & Electric Vehicles <b>AUT312</b> 75 Automotive Cooling Systems & HVAC <b>AUT313</b> 15 Information Systems  <p style="text-align: right;"><b>TOTAL: 120</b></p>	<b>AUT321</b> 30 Automotive Ignition Systems <b>AUT322</b> 90 Fuel Injection & Direct Fuel Systems  <p style="text-align: right;"><b>TOTAL: 120</b></p>	<b>AUT331</b> 60 Emissions Systems <b>AUT332</b> 60 PA Emission Inspection Certification <b>PFS309*</b> 7.5 Total Quality Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>	<b>AUT341</b> 60 PA State Safety Inspection Cert. I <b>AUT342</b> 45 PA State Safety Inspection Cert. II <b>AUT343</b> 15 Automotive Technical Math L3 <b>PFS310*</b> 7.5 Total Quality Principles  <p style="text-align: right;"><b>TOTAL: 127.5</b></p>