Contact Us:
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Program Overview
With concern for automotive efficiency, the cost of fuel, vehicle repairs and service growing yearly, the role of the automotive technician increases in importance. The student is trained to perform quality maintenance, diagnosis and repair of complex modern vehicles. Classrooms and shop areas are equipped with the latest tools and equipment for automotive diagnosis and repair.

A.A.S., Major in Automotive Technology
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Students will train in eight areas of automotive service: engine repair, engine performance, electrical and electronic systems, manual drive train and axles, automatic transmission/transaxles, suspension and steering systems, brakes and heating and air conditioning. Maintenance and repair experience will duplicate those skills needed upon employment. Upon completion of 63 credit hours, a graduate will be awarded an Associate in Applied Science with a major in Automotive Technology.

NOTE: New students must obtain all tools on the list of required tools.

GENERAL EDUCATION COURSES
COURSES                         CREDIT HOURS
ENG 165  Professional Communications.......................... 3.0
or ENG 101  English Composition I
MAT 170  Algebra, Geometry and Trigonometry I............ 3.0
SPC 205  Public Speaking ............................................. 3.0
Elective Behavioral/Social Science............... 3.0
Elective Humanities/Fine Arts ...................... 3.0

SUBTOTAL: 15.0

REQUIRED CORE SUBJECT AREAS
COURSES                         CREDIT HOURS
AUT 101  Engine Fundamentals................................. 3.0
AUT 112  Braking Systems ......................................... 4.0
AUT 116  Manual Transmission and Axle .................... 4.0
AUT 122  Suspension and Alignment ......................... 4.0
AUT 132  Automotive Electricity.............................. 4.0
AUT 141  Introduction to Heating and Air Conditioning... 4.0

SUBTOTAL: 23.0

OTHER COURSES REQUIRED FOR GRADUATION
COURSES                         CREDIT HOURS
AUT 102  Engine Repair............................................. 4.0
AUT 145  Engine Performance .................................... 3.0
AUT 152  Automatic Transmission ............................. 4.0
AUT 156  Automotive Diagnosis and Repair ............... 4.0
AUT 157  Shop Management and Supervision ............... 3.0
AUT 231  Automotive Electronics ........................... 4.0
AUT 275  Alternate Technology Vehicles .................... 3.0

SUBTOTAL: 25.0

TOTAL CREDIT HOURS: 63.0
Automotive Fundamentals Certificate

The Automotive Fundamentals certificate provides a fundamental understanding of diagnosis and repair service for the engine, automatic transmission, brake, heating and air conditioning, suspension and steering and electrical systems. The certificate will provide the first step towards the completion of an Associate in Applied Science with a major in Automotive Technology. The courses will be assessed using applicable NATEF metrics.

REQUIRED COURSE INFORMATION

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<thead>
<tr>
<th>COURSES</th>
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<tbody>
<tr>
<td>AUT 101 Engine Fundamentals</td>
<td>3.0</td>
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<tr>
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</tr>
<tr>
<td>AUT 152 Automatic Transmission</td>
<td>4.0</td>
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**SUBTOTAL:** 34.0
**TOTAL CREDIT HOURS:** 34.0

>>> Visit www.ptc.edu/automotive to learn more.