

Career and Technical Education Pathway

Effective Spring 2012

Automotive Systems Technology Diploma (D60160)

This pathway combines English and math knowledge with technical courses that prepare students for an automotive service technician career. Students may choose to further their course work at CPCA to complete an Associate in Applied Science degree in Automotive Service Technology in the General Automotive, BMW, General Motors, or Honda programs.

Required Courses:

<u>Course Prefix/Number</u>	<u>Course Title</u>	<u>Credits</u>
ENG-111	Expository Writing <i>(Requires minimum Accuplacer scores of 86 in Sentence Skills and 80 in Reading Comprehension)</i>	3.0
MAT-115	Mathematical Models <i>(Requires minimum Accuplacer scores of 55 in Arithmetic and 55 in Algebra)</i>	3.0
AUT-110	Intro to Automotive Technology	3.0
AUT-116	Engine Repair	3.0
AUT-116A	Engine Repair Lab	1.0
AUT-141	Suspension & Steering Systems	3.0
AUT-141A	Suspension & Steering Lab	1.0
AUT-151	Brake Systems	3.0
AUT-151A	Brake Systems Lab	1.0
AUT-161	Basic Auto Electricity <i>(Requires minimum Accuplacer scores of 55 in Arithmetic and 55 in Algebra)</i>	5.0
AUT-163	Advanced Auto Electricity <i>(Prerequisite: AUT-161 with grade of C or better)</i>	3.0
AUT-163A	Advanced Auto Electricity Lab	1.0
AUT-171	Auto Climate Control <i>(Prerequisite: AUT-161 with grade of C or better)</i>	4.0
AUT-181	Engine Performance 1 <i>(Prerequisite: AUT-161 with grade of C or better)</i>	3.0
AUT-183*	Engine Performance 2 <i>(Prerequisite: AUT-161 & AUT-181 with grade of C or better)</i>	4.0
AUT-221	Automatic Transmissions	3.0
AUT-221A	Auto Transmissions/Transaxle Lab	1.0
AUT-283*	Advanced Auto Electronics <i>(Prerequisite: AUT-161 & AUT-163 with grade of C or better)</i>	3.0
Total Required Credits		48.0

- To be eligible for enrollment, a high school student must meet the following criteria:
 - Be a high school junior or senior;
 - Have a weighted GPA of 3.0 on high school courses or have the recommendation of the high school principal
 - Meet the prerequisites for the career pathway.
- To maintain eligibility for continued enrollment, a student must
 - Continue to make progress toward high school graduation
 - Maintain a 2.0 in college coursework after completing two courses.
- Upon satisfactory completion of the pathway, students may be awarded the Automotive Systems Technology Diploma.

For more information on the enrollment and registration process, please go to <http://www.cpc.edu/hsprograms/career-college-promise>