

Automotive Service Technology ♦ Engine and Electrical Certificate ♦ 16 Credits

Program Description

The Engine and Electrical Certificate provides entry level skill sets in the automotive service industry. Through lecture and lab classes, students gain knowledge about starting and charging systems, ignition systems, batteries, and engines. Utilizing state-of-the-art equipment, students learn how to diagnosis and repair automotive problems in a work simulated environment. The PCC Automotive Service Technology Program is nationally accredited. Upon completing this certificate, students can take an exam to earn the A1 and A6 credentials from the National Institute for Automotive Service Excellence. Students **must** pass a background check and a drug screening to be eligible for this program.

Semester One, Fall or Spring, 16 Credits

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	120	Basic Automotive Electricity	2
A S E	123	Starting and Charging System	2
A S E	130	General Engine Diagnosis	2
A S E	132	Ignition System Diagnosis and Repair	2
A S E	161	Engine Repair and Rebuild	3
A S E	162	Auto Engine Service	2
A S E	260	Advanced Engine Diagnosis	2
A S E	282	Internship: General	1

Semester Milestones – Always complete courses with a grade of C or higher.

Meet with your advisor to complete your Graduation Planning Sheet at the beginning of the semester. If you intend to continue with the Automotive Service Technology Program, register for the next semester and make an appointment with the financial aid office to ensure funding for your continued education.