

Automotive

Automotive Electrical and Body Systems

Program Description

This program is designed to prepare graduates for entry level employment in the automotive industry as an Automotive Electrical/Electronics Service/Repair Technician.

Certificate of Achievement

A Certificate of Achievement in Automotive Electrical and Body Systems can be obtained by completing the 17-unit automotive major. All courses must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Certificate of Achievement in Automotive Electrical and Body Systems shall have demonstrated and practiced:

1. 85% of all Master Automobile Service Technology (MAST) P1, P2, and P3 (priority level) Electrical/electronic Systems tasks in accordance with the 2013 National Automotive Technicians Education Foundation (NATEF) automotive training program accreditation standards for the Electrical/Electronic Technical A6 Certification.

REQUIRED COURSES	Units
ATEC 070 Automotive Fundamentals	3
ATEC 131 Automotive Electrical Systems	4
ATEC 137 Automotive Heating and Air Conditioning ...	4
ATEC 138 Automotive Electronics.....	4
ATEC 140 Hybrid Vehicle Maintenance and Repair	2
Total Units	17

*This is a Gainful Employment Program. For additional information, please visit
http://www.solano.edu/gainful_employment/ and select "Automotive Electrical and Body Systems."*