

Automotive

Automotive Technician Associate in Science Degree



Program Description

This program is designed to prepare graduates for entry level employment in the automotive industry as apprentice technicians, parts specialists, service consultants, or specialists in one of the many areas in the automotive service and repair industry. This program is industry accredited by the ASE Education Foundation.

Associate in Science Degree

The Associate in Science Degree can be obtained upon completion of the 45-unit major and the 21-unit general education requirements. All courses in the major 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 Associate Degree will be technically proficient in entry level skills as an automotive technician as defined by the ASE Education Foundation by demonstrating the following:

1. Completion of the ASE tasks in each automotive area as listed on the course Task List
2. Comply with personal and environmental safety practices
3. Proper Shop and Personal Safety
4. Proper use of Tools and Equipment
5. Preparing Vehicles for Service
6. Preparing Vehicles for Customers
7. Proper workplace employability skills
8. Appropriate methods for hazardous materials and waste handling and disposal

REQUIRED COURSES.....Units	Automotive Technician Major	45
ATEC 070 Automotive Fundamentals	Solano General Education.....	21
ATEC 130 Automotive Suspension and Steering	Electives (as needed to reach 60 units)	0
ATEC 131 Automotive Electrical Systems	Total Degree Units	66
ATEC 132 Automotive Brake Systems		
ATEC 133 Automotive Engine Repair.....		
ATEC 134 Automatic Transmissions/Transaxles		
ATEC 135 Automotive Engine Performance.....		
ATEC 136 Automotive Manual Drivetrain and Axles		
ATEC 137 Automotive Heating and Air Conditioning ...		
ATEC 138 Automotive Electronics.....		
ATEC 139 Advanced Engine Performance		
ATEC 140 Hybrid Vehicle Maintenance and Repair		
Required Major Total Units		45

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