



certificate
AUTOMOTIVE POWERTRAIN REPAIR

The completion of this program may lead to entry-level employment in automotive technology-related businesses including such businesses as auto part stores and car dealerships. By the time you complete this program and required work experience, you should be able to achieve Automotive Service Excellence (ASE) in one or more competency areas.

GENERAL EDUCATION (6 crs)

COMPLETED

**Planned Timeline
(By Semester)**

Communications (3 crs)

ENG 109 Basic English II (3)

Pre-requisite: ENG 108 or adequate score on the Course Placement Evaluation

Mathematics (3 crs)

MATH 104 (3)

Pre-requisite: MATH 100 or adequate score on the Course Placement Evaluation

PROGRAM REQUIREMENTS (24.5 crs)

To enroll in any of these courses, you must have first successfully completed MATH 100 or a higher level math courses, or scored above MATH 100 on the Course Placement Evaluation, or have permission of the instructor.

ATEC 101 Introduction to Automotive Repair (2)

ATEC 114 Service Writer/Customer Service (1)

ATEC 115 Automotive Restraint system (1.5)

Pre-requisite: ATEC 122

ATEC 122 Basic Automotive Electricity (1)

ATEC 123 Battery, Starting, and Charging Systems (2)

ATEC 124 Electrical Instruments, Lights, and Accessories (3)

ATEC 126 On-Board System Diagnosis and Service (1)

ATEC 127 Engine Management Systems (3)

Pre-requisite: ATEC 126

ATEC 128 Fuel Management Systems (2)

Pre-requisite: ATEC 126

ATEC 203 Automotive Electrical and Electronics (3)

Pre-requisites: ATEC 122, ATEC 123, ATEC 124

ATEC 204 Ignition Systems (2)

Pre-requisite: ATEC 126

ATEC 205 Emissions Control Systems (3)

Pre-requisite: ATEC 126

TOTAL CREDITS 30.5

Educational Planning Form (Semester)

Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units