

## Career Education

### Automotive Technology-AAS

The Automotive Technology program is designed to give students a working knowledge in the ever expanding field of automobile service and repair. This field has become so specialized and technical that demand for trained technicians increases daily.

The instruction, course of study, facilities, and equipment of this institution have been evaluated by the Automotive Services Excellence (ASE) Education Foundation standards of quality for the training of automobile technicians. We are certified in all eight areas of automotive technology.

The shop is equipped with state of the art diagnostic equipment and the latest in technical publications to enhance student training. Graduates of this program may find employment as technicians in specialty shops, independent garages, fleet garages, and auto dealerships.

#### Associate of Applied Science

#### Automotive Technology

Total Program = 60 Credit Hours

*The fourth digit in the course number indicates the number of credit hours.*

### University Requirement - 1 or 3 hours

#### University Requirement

The 3-hour credit course is required for students who must take at least one remedial course. Student who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

UNIV 1001 Principles of Academic Success I

UNIV 1003 Principles of Academic Success III

#### Department

University

University

### General Education Core - 15 hours

#### General Education Core

ENG 1003 Freshman English I

ENG 1013 Freshman English II

MATH 1013 Technical Mathematics A, B, C, D, E, J, M and V

CIS 1503 Microcomputer Applications I

#### Department

English

English

Mathematics

Computer Information Systems

#### General Education Core

Choose one course below.

PSY 2013 Introduction to Psychology

SOC 2213 Principles of Sociology

HIST 2763 The United States to 1876

HIST 2773 The United States Since 1876

#### Department

Psychology

Sociology

History

History

## Automotive Technology Core - 45 hours

### Automotive Technology Core

|     |      |  |
|-----|------|--|
| AST | 1103 | Introduction to Automotive Technology        |
| AST | 1013 | Introduction to Transportation Electrical I  |
| AST | 1204 | Automatic Transmissions                      |
| AST | 2104 | Brakes                                       |
| AST | 2204 | Suspension and Steering                      |
| AST | 2704 | Automotive Climate Control                   |
| AST | 2304 | Automotive Electrical Applications           |
| AST | 2504 | Engine Performance I                         |
| AST | 2604 | Engine Performance II                        |
| AST | 2013 | Introduction to Transportation Electrical II |
| AST | 2404 | Manual Transmissions/Transaxles              |
| AST | 2804 | Engine Rebuild                               |

### Department

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