



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 ASE Education Foundation and meet the National Institute for Automotive Service Excellence (ASE) 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—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
UNIV 1003 Principles of Academic Success III

The 3-hour credit course is required for students who must take at least one remedial course. Students 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.

Department

University
University

GENERAL EDUCATION CORE—15 HOURS

- ENG 1003 Freshman English I
ENG 1013 Freshman English II
MATH 1013 Technical Mathematics (or higher)
CIS 1503 Microcomputer Applications I

Choose one of the following courses.

- PSY 2013 Introduction to Psychology **or**
SOC 2213 Principles of Sociology **or**
HIST 2763 The United States to 1876 **or**
HIST 2773 The United States since 1876

Department

English
English
Mathematics
Comp Info Sys

Psychology
Sociology
History
History

AUTOMOTIVE TECHNOLOGY CORE—45 HOURS

- 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

Department

Automotive Technology
Automotive Technology
Automotive Technology
Automotive Technology
Automotive Technology
Automotive Technology



College Catalog 2023-24

| | | | |
|-----|------|--|-----------------------|
| AST | 2304 | Automotive Electrical Applications | Automotive Technology |
| AST | 2504 | Engine Performance I | Automotive Technology |
| AST | 2604 | Engine Performance II | Automotive Technology |
| AST | 2013 | Introduction to Transportation Electrical II | Automotive Technology |
| AST | 2404 | Manual Transmissions/Transaxles | Automotive Technology |
| AST | 2804 | Engine Rebuild | Automotive Technology |