

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 fifth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV 10001 Principles of Academic Success I

UNIV 10003 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.

GENERAL EDUCATION CORE—15 HOURS

ENGL 10103 Freshman English I

ENGL 10203 Freshman English II

MATH 10103 Technical Mathematics (or higher)

CPSI 10003 Microcomputer Applications I

Choose one of the following courses:

PSYC 11003 Introduction to Psychology **or**

SOCI 10103 Principles of Sociology **or**

HIST 21103 The United States to 1876 **or**

HIST 21203 The United States since 1876

AUTOMOTIVE TECHNOLOGY CORE—45 HOURS

ASTE 10003 Hybrid & EV Systems

ASTE 11103 Introduction to Transportation Electrical I

ASTE 12034 Engine Rebuild

ASTE 12103 Introduction to Automotive Technology

ASTE 12204 Automotive Electrical Applications

ASTE 13504 Suspension and Steering

ASTE 13804 Manual Transmissions/Transaxles

ASTE 14804 Engine Performance I

ASTE	15304	Automatic Transmissions
ASTE	16004	Brakes
ASTE	20004	Automotive Climate Control
ASTE	24804	Engine Performance II

Automotive Technology—TC

TECHNICAL CERTIFICATE AUTOMOTIVE TECHNOLOGY

Total Program = 35 Credit Hours

The fifth digit in the course number indicates the number of credit hours.

Requirements—35 HOURS

ASTE	10003	Hybrid & EV Systems
ASTE	11103	Introduction to Transportation Electrical I
ASTE	12103	Introduction to Automotive Technology
ASTE	12204	Automotive Electrical Applications
ASTE	13504	Suspension and Steering
ASTE	14804	Engine Performance I
ASTE	16004	Brakes
ASTE	20004	Automotive Climate Control
MATH	10103	Technical Mathematics (or higher)
ENGL	10103	Freshman English I or
COMM	12053	Career Communications

Automotive Technology—CP

CERTIFICATE OF PROFICIENCY AUTOMOTIVE TECHNOLOGY

Total Program = 18 Credit Hours

The fifth digit in the course number indicates the number of credit hours.

Requirements—18 HOURS

ASTE	11103	Introduction to Transportation Electrical I
ASTE	12103	Introduction to Automotive Technology
ASTE	13504	Suspension and Steering
ASTE	16004	Brakes
ASTE	20004	Automotive Climate Control