

Automotive Technology, A.A.S.

Subject: Automotive Technology

Program Code:

AAS-AUM-AUTC

CIP:

47.0604

Type: A.A.S.

GENERAL EDUCATION CORE REQUIREMENTS

| Item # | Title | Credits |
|---------|---|---------|
| ORI 110 | Freshman Seminar | 1 |
| ENG 101 | English Composition I | 3 |
| MTH 103 | Introduction to Technical Mathematics | 3 |
| | Humanities/Fine Arts Elective (Excluding Speech and Foreign Language) | 3 |
| | Social & Behavioral Science Electives | 3 |
| | Natural Science or MTH Elective | 3-4 |

MAJOR COURSE REQUIREMENTS

| Item # | Title | Credits |
|---------|--|--------------|
| ASE 101 | Fundamentals of Automotive Technology | 3 |
| ASE 112 | Electrical Fundamentals | 3 |
| ASE 121 | Braking Systems | 3 |
| ASE 122 | Steering and Suspension | 3 |
| ASE 124 | Automotive Engines | 3 |
| ASE 130 | Drive Train and Axles | 3 |
| ASE 133 | Motor Vehicle Air Conditioning | 3 |
| ASE 162 | Electrical and Electronic Systems | 3 |
| ASE 212 | Advanced Electrical and Electronic Systems | 3 |
| ASE 220 | Advanced Automotive Engines | 3 |
| ASE 224 | Man Transmission and Transaxle | 3 |
| ASE 230 | Auto Transmission and Transaxle | 3 |
| ASE 239 | Engine Performance | 3 |
| ASE 244 | Engine Performance and Diagnostics | 3 |
| ASE 246 | Automotive Emissions | 3 |
| | Total credits: | 61-62 |