

Associate in Applied Science (A.A.S.)

AUTOMOTIVE TECHNOLOGY

The **Associate in Applied Science (A.A.S.) Degree in Automotive Technology** prepares students to diagnose, troubleshoot, and repair today's complex vehicles.



EASTERN
West Virginia Community & Technical College

Name: _____ Student ID: _____

| FIRST YEAR: FALL SEMESTER | | | |
|------------------------------|---|--------------|--------------|
| COMMENTS | COURSE | Credit Hours | Significance |
| | ATT 100 – Introduction to Automotive Technology | 1 | |
| | ATT 103 – Engine Repair | 4 | |
| | ATT 105 – Braking Systems | 4 | |
| | ATT 107 – Suspension and Steering | 4 | |
| | ENL 101 – English Composition I OR | 3 | |
| | ENL 115 – Technical Communications | (3) | |
| | TOTAL | 16 | |
| FIRST YEAR: SPRING SEMESTER | | | |
| | COURSE | Credit Hours | Significance |
| | ATT 124 – Automotive Electricity/Electronics I | 4 | |
| | ATT 128 – Automotive Heating and Air Conditioning | 4 | |
| | ATT 205 – Automotive Electricity/Electronics II | 4 | |
| | Math Elective (MTH 115 or higher) | 3 | |
| | TOTAL | 15 | |
| SECOND YEAR: FALL SEMESTER | | | |
| | COURSE | Credit Hours | Significance |
| | ATT 126 – Engine Performance I | 4 | |
| | ATT 207 – Engine Performance II | 4 | |
| | CIS 114 – Intro to Computer Applications & Concepts | 3 | |
| | Science Elective | 3 | |
| | TOTAL | 14 | |
| SECOND YEAR: SPRING SEMESTER | | | |
| | COURSE | Credit Hours | Significance |
| | ATT 224 – Manual Drive Train and Axles | 4 | |
| | ATT 226 – Automatic Transmissions and Transaxles | 4 | |
| | ATT 276 – Automotive Technology Capstone OR | 4 | |
| | ATT 278 – Automotive Technology Internship | (4) | |
| | SSC 147 – Understanding Human Diversity | 3 | |
| | TOTAL | 15 | |
| TOTAL HOURS FOR DEGREE | | 60 | |

Eastern West Virginia Community and Technical College is an EOE, ADA, AA institution.

15 to FINISH
WEST VIRGINIA
To graduate on time, students need to maintain an average of 15 credit hours per semester.

+ENL 101 and MTH 115 may require corequisite coursework.



LANDMARK COURSES

are the key to graduation and completing your degree on time. They should be taken in the order suggested in the Academic Map.



INTERNSHIPS

are a structured work experience related to a student's major and/or career goal that should enhance a student's academic, career, and personal development.



CAPSTONE COURSES

are offered in the student's final semester. It is a course that ties together the learning objectives that faculty expect the student to have learned during the major.

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Name: _____ Student ID: _____

| Comments | Science Electives | Credit Hours |
|----------|--|--------------|
| | BIO 101 & 101L – General Biology I | 4 |
| | BIO 102 & 102L – General Biology II | 4 |
| | BIO 124 & 124L – Human Anatomy & Physiology I | 4 |
| | BIO 125 & 125L – Human Anatomy & Physiology II | 4 |
| | GSC 109 & 109L – General Physical Science I | 4 |
| | GSC 110 & 110L – General Physical Science II | 4 |
| | GSC 120 – Concepts in Environmental Science | 3 |

| Comments | Math Electives | Credit Hours |
|----------|--|--------------|
| | MTH 115 – Business Math | 3 |
| | MTH 117 – Math for Technicians | 4 |
| | MTH 121 – College Math for General Education | 3 |

* All Automotive Technology courses (ATT) must be completed with a "C" or better in order to graduate with an Automotive Technology, A.A.S degree. Students successfully completing automotive classes will be prepared to take the ASE certification exams.