

Industrial & Engineering Technology

Automotive Technology

Offered at MCC-Longview

A.A.S. Automotive Technology Mechanical Emphasis

200201 Revised 11/2015 (Spring 2016)

| COLL 100 | First Year Seminar | 1 | | |
|--|--|--------------|----------------|---|
| General Education Requirements | | Credits | Semester Taken | Prerequisites |
| ENGL 101 | Composition and Reading I | 3 | | ENGL 90 with a minimum grade of S or appropriate placement score |
| HIST 120 HIST 121 POLS 135 POLS 136 POLS 137 | United States History to 1865 or United States History Since 1865 or Introduction to Political Science or Introduction to American National Politics or Introduction to State and Local Politics | 3 | | |
| COMM 100 COMM 102 | Fundamentals of Speech or Fundamentals of Human Communication | 3 | | ENGL 90 with a minimum grade of S or appropriate placement score |
| GENERAL EDUCATION ELECTIVES: - One course numbered 100 or above from the following disciplines: ART, ANTH, ECON, ENGL, Foreign Language, GEOG (except 104 & 110 and GIS courses), HIST, HUMN, COMM, MUSI, PHIL, POLS, PSYC, SIGN, SOSOC, SOCI, THEA | | 3-5 | | |
| - One course numbered 100 or above from the following disciplines: BIOL, CHEM, GEOG (104 & 110), GEOL, MATH, PHYS | | | | |
| Student must complete an additional course from either of the two areas listed above to bring the total number of general education electives to a minimum of 9 credit hours. | | 3-5 | | |
| Minimum Total General Education Credit Hours | | 18 | | |
| Mechanical | | | | |
| AUTO 150 | Automotive Engine Repair | 6 | | |
| AUTO 166 | Automotive Electrical Systems | 6 | | |
| AUTO 170 | Automotive Braking Systems | 4 | | |
| AUTO 172 | Automotive Suspension and Steering | 4 | | |
| AUTO 174 | Manual Drivetrain & Axles | 4 | | |
| AUTO 264 | Automotive Air Conditioning | 4 | | AUTO 166 |
| AUTO 272 | Automatic Transmissions and Transaxles | 6 | | AUTO 166 and one of the following: AUTO 150, 170, 172, 174, 276, 279, 280 |
| AUTO 276 | Automotive Engine Performance | 6 | | AUTO 150 and 166 and concurrent enrollment or completion of AUTO 279 |
| AUTO 279 | Automotive Electronic Systems | 6 | | AUTO 166 |
| AUTO 280 | Diagnosis and Repair | 4 | | AUTO 150, 166, 170, 172, 174, 264 and 272. Concurrent enrollment or completion of AUTO 276 and 279. |
| Total Credit Hours Required | | 69-73 | | |
| The <i>Mechanical Option</i> prepares students to work as a technician in dealerships, service centers, independent garages or service stations. | | | | |