

Automotive Service Technology

Program

Automotive Service Technology

Degree Type

Associate in Occupational Technology Degree

Note: all technical students are required to enroll in ORI 106

First Term

| Item # | Title | Credits |
|---------|---------------------------------------|---------|
| AUM 101 | FUNDAMENTALS OF AUTOMOTIVE TECHNOLOGY | 3 |
| AUM 112 | ELECTRICAL FUNDAMENTALS | 3 |
| AUM 162 | ELECTRICAL AND ELECTRONIC SYSTEMS | 3 |
| | ILT 160 or INT 101 | 3 |
| MTH 116 | MATHEMATICAL APPLICATIONS | 3 |

Second Term

| Item # | Title | Credits |
|---------|-----------------------|---------|
| AUM 121 | BRAKING SYSTEMS | 3 |
| AUM 122 | STEERING & SUSPENSION | 3 |
| AUM 124 | AUTOMOTIVE ENGINES | 3 |
| AUM 239 | ENGINE PERFORMANCE | 3 |
| ENG 101 | ENGLISH COMPOSITION I | 3 |

Third Term

| Item # | Title | Credits |
|---------|---|---------|
| AUM 130 | DRIVE TRAIN AND AXLES | 3 |
| AUM 224 | MANUAL TRANSMISSION AND TRANSAXLE | 3 |
| AUM 230 | AUTOMATIC TRANSMISSION AND TRANSAXLE | 3 |
| | Natural Science or Mathematics Elective | 3 |

Fourth Term

| Item # | Title | Credits |
|---------|------------------------------------|---------|
| AUM 220 | ADVANCED AUTOMOTIVE ENGINES | 3 |
| AUM 244 | ENGINE PERFORMANCE AND DIAGNOSTICS | 3 |
| AUM 246 | AUTOMOTIVE EMISSIONS | 3 |
| AUM 133 | MOTOR VEHICLE AIR CONDITIONING | 3 |
| | Humanities and Fine Arts Elective | 3 |

Fifth Term

| Item # | Title | Credits |
|---------|---|-----------|
| ELT 117 | AC/DC MACHINES | 3 |
| ILT 162 | SOLID STATE FUNDAMENTALS | 3 |
| ILT 166 | MOTORS AND TRANSFORMERS I | 3 |
| | Social and Behavioral Sciences Elective | 3 |
| | Total Credits | 69 |