

Degree & Certificate Requirements

Automotive Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2020-2021 Degree Requirements

Major Courses

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|-----------------|---|-----------|----------------|-------------------------|
| AMT 107 | Parts, Systems, and Components | 4 | | |
| AMT 109 | Tools and Hardware | 3 | | |
| AMT 113 | Maintenance Publications and Records | 2 | | |
| AMT 114 | Preventive Maintenance | 5 | | |
| INT 105 | Precision Measurement | 1 | | |
| AMT 120 | Basic Electrical Systems | 4 | | |
| AMT 210 | Automotive Electronics | 4 | | |
| INT 251 | Troubleshooting for Technicians | 2 | | |
| AMT 220 | Advanced Electrical & Electronics & Lab | 7 | | |
| AMT 119 | Suspension and Steering Systems Theory | 2 | | |
| AMT 121 | Suspension and Steering Systems Servicing | 5 | | |
| AMT 123 | Brake Systems I | 5 | | |
| AMT 223 | Brakes Systems II & Lab | 5 | | |
| AMT 129 | Engine Theory | 3 | | |
| AMT 130 | Engine Servicing | 4 | | |
| AMT 133 | Engine Repair | 4 | | |
| AMT 134 | Engine Rebuild | 3 | | |
| AMT 233 | Manual Transmissions & Lab | 7 | | |
| AMT 240 | Drivability Diagnostics & Lab | 7 | | |
| AMT 243 | Heating, Ventilation & Air Conditioning Systems | 7 | | |
| Subtotal | | 84 | | |

Major Support Hybrid

Select 0-18 credits from the following:

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|-----------------|--|-------------|----------------|-------------------------|
| AMT 250 | Automotive Technology Systems Review | 3 | | |
| AMT 251 | Hybrid Operations and Safety | 3 | | |
| AMT 252 | High Voltage Basic Operations | 3 | | |
| AMT 253 | Basic Maintenance and Servicing of Hybrids | 3 | | |
| AMT 254 | High Voltage Diagnostics | 3 | | |
| AMT 255 | Component Replacement | 3 | | |
| Subtotal | | 0-18 | | |

Major Support Body and Transmission

Select 2-12 credits from the following:

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|-----------------|-----------------------------------|-------------|----------------|-------------------------|
| AMT 104 | Diesel Engine Theory | 2 | | |
| AMT 230 | Automatic Transmission | 5 | | |
| AMT 115 | Basic Damage Repair | 3 | | |
| AMT 116 | Corrosion Protection | 3 | | |
| AMT 117 | Introduction to Paint Application | 3 | | |
| AMT 118 | Glass and Plastic Adhesive Repair | 3 | | |
| Subtotal | | 2-12 | | |

Degree & Certificate Requirements

General Education

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|---|----------------------------|---------|----------------|-------------------------|
| MATH 111 | Automotive Math | 5 | | |
| English - select 5 credits from the following: | | | | |
| ENGL&101 | English Composition I [C] | 5 | | |
| ENGL 103 | Writing in the Workplace | 5 | | |
| Note: ENGL 103 preferred | | | | |
| Human Relations - select 3-5 credits from the following: | | | | |
| PSYC&100 | General Psychology [S/B] | 5 | | |
| PSYC 103 | Applied Psychology | 3 | | |
| BUS 271 | Human Relations Business | 5 | | |
| Communication Studies - select 3 credits from the following: | | | | |
| CMST 103 | Workplace Communication | 3 | | |
| CMST 110 | Communication Behavior [C] | 3 | | |
| Note: CMST 103 preferred | | | | |

Subtotal 16-18
Total Credits Required 102-132