

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		

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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