

## Academic Pathways Map

### Automotive Technology

A.A.S.

Industry and Trades

#### Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M111T	TECHNICAL MATHEMATICS	3	*	
AST103	AUTOMOTIVE MECHANICS CORE	3	*	
AST130	INTRODUCTION TO AUTOMOTIVE ELECTRONICS	6	*	
AST114	AUTOMOTIVE BRAKES	5		

TOTAL CREDITS 17

SEMESTER 2		CREDITS	MILESTONE	✓
AST220	AUTOMOTIVE STEERING AND SUSPENSION	5		
AST160	AUTOMOTIVE ENGINE REPAIR	6		
AST108	MANUAL DRIVETRAINS	5		
WRIT121T	INTRODUCTION TO TECHNICAL WRITING	3	*	
COMX106	COMMUNICATING IN A DYNAMIC WORKPLACE	2		

TOTAL CREDITS 21

SEMESTER 3		CREDITS	MILESTONE	✓
AST230	ELECTRICAL/ELECTRONIC SYSTEMS II	6	*	
AST262	ENGINE PERFORMANCE I	6		
AST264	ENGINE PERFORMANCE II	6		

TOTAL CREDITS 18

SEMESTER 4		CREDITS	MILESTONE	✓
AST270	AUTOMATIC TRANSMISSIONS/TRANSAXLES	6		
AST172	AUTOMOTIVE HEATING/AIR CONDITIONING	5		
AST274	INTRODUCTION TO HYBRID VEHICLE TECHNOLOGY	3		

TOTAL CREDITS 14

**You are finished!**

Pathway Advising Notes: none

Course Advising Notes: AST103: Instills basic skills required for upcoming courses.

AST130: Provides electrical building blocks for all upcoming courses.