

# Automotive Technology, A.A.S.

**Program Code**

AAS-AUM-AUTC

**CIP**

47.0604

**Type**

A.A.S.

## GENERAL EDUCATION CORE REQUIREMENTS

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENG 101	English Composition I	3
	Humanities/Fine Arts Elective (Excluding Speech and Foreign Language)	3
MTH 103	Introduction to Technical Mathematics	3
	Natural Science or MTH Elective	3-4
	Social & Behavioral Science Electives	3

## MAJOR COURSE REQUIREMENTS

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ASE 101	Fundamentals of Automotive Technology	3
ASE 112	Electrical Fundamentals	3
ASE 121	Braking Systems	3
ASE 122	Steering and Suspension	3
ASE 124	Automotive Engines	3
ASE 130	Drive Train and Axles	3
ASE 133	Motor Vehicle Air Conditioning	3
ASE 162	Electrical and Electronic Systems	3
ASE 212	Advanced Electrical and Electronic Systems	3
ASE 220	Advanced Automotive Engines	3
ASE 224	Man Transmission and Transaxle	3
ASE 230	Auto Transmission and Transaxle	3
ASE 239	Engine Performance	3
ASE 244	Engine Performance and Diagnostics	3
ASE 246	Automotive Emissions	3
	<b>Total Credits</b>	<b>60-61</b>