



Summer 2017

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## Automotive Technology Associate in Applied Science Degree 97-106 Credits

This degree program prepares the student for employment in the automotive industry.

Graduates of the program achieve competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE) and obtained related education in the fields of leadership, human relations and communication.

Credit for hours of training is usually granted to those entering into an approved apprenticeship program and is granted for the certification experience requirement.

Entry into the program is on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

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<b>Dept./No.</b>	<b>Course Title</b>	<b>Credits</b>
<b>First Quarter</b>		
Reading requirement	Eligible for READ 104	
A TECH 110	Shop Procedures	2
A TECH 116	Suspension and Steering	6
A TECH 117	Brakes	7
A TECH 150	Automotive Leadership Skills 1	1
# CMST 100	Fundamentals of Oral Communication	5
<b>Second Quarter</b>		
# ACOMP 101 or MATH 062	Computations for the Trades or Review of Arithmetic or Eligible for MATH 070, Pre-Algebra	0-5
A TECH 111	Electrical and Electronics Systems	14
A TECH 151	Automotive Leadership Skills 2	1
<b>Third Quarter</b>		
A TECH 112	Engine Performance	9
A TECH 113	Engine Repair	3
A TECH 152	Automotive Leadership Skills 3	1
INDUS 111	Welding Survey 1	3

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**Fourth Quarter**

ATECH 112	Engine Performance	5
ATECH 115	Manual Drive Trains and Axles	6
ATECH 153	Automotive Leadership Skills 4	1
# ENGL 109	Writing for Trades and Professional/Technical Degrees	5

**Fifth Quarter**

ATECH 114 <b>and/or</b>	Automotive Transmission and Transaxle <b>and/or</b>	
ATECH 101	State Emission Control Specialist Phase 1	4-8
ATECH 118	Heating and Air Conditioning	6
ATECH 154	Automotive Leadership Skills 5	1
# Human Relations	Any course that satisfies the Human Relations Related Instruction Requirements	5

**Sixth Quarter**

ATECH 119 <b>or</b>	Special Shop Practice <b>or</b>	
ATECH 177	Auto Work Experience 1	12

# Satisfies related instruction requirements.

*For scheduling or transferability reasons, other courses from the current list of related instruction requirements may be substituted.*