

Automotive Technology

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OWENS CAMPUS

Spring 2020

The Automotive Technology program allows students to select a practical hands-on diploma program or a more rigorous associate degree option.

Graduates of the associate degree option performs a variety of preventive maintenance and repair functions on automobiles. Through systematic classroom instruction, completion of required laboratories and structured, mandatory internships, graduates use printed and electronic information, tools, and instruments to diagnose faults and carry out necessary repairs and maintenance procedures.

Graduates of the diploma program enter the automotive service industry as entry level technicians. Through the completion of the required pre-tech courses, students completing the diploma program may transfer their earned credits toward the associate degree program. Academically ready students can apply to the program following the guidelines of each location's wait-list process. Interested applicants should review the information provided here and contact their program advisor for program requirements.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
AUT 114 - Intro to Automotive Technology	3	2	2
AUT 116 - Automotive Electrical	5	4	4
AUT 119 - Automotive Brake Systems	3	2	3
MAT 120 - Contemporary Mathematics	3	3	0
ENG 101 - Crit Thinking & Acad Writing	3	3	0

Courses - Semester 2

	Credits	Lecture	Lab
AUT 118 - Auto Steering & Suspension	3	2	3
AUT 122 - Auto Air Conditioning/Heating	3	2	3
(AUT 123 - Work Experience Co-op I	3	0	9
OR AUT 126 - Work Experience Lab I)	3	0	9
(ENT 101 - Intro to Entrepreneurship	3	3	0
OR BUS 101 - Introduction to Business)	3	3	0
PSY 100 - Human Relations	3	3	0
CIS 107 - Intro to Computers/Application	3	2	2
ENG 102 - Composition and Research	3	3	0

Courses - Semester 3

	Credits	Lecture	Lab
AUT 202 - Automotive Engine Repair	3	2	4
AUT 203 - Automotive Engine Performance	6	3	9
ECO 111 - Macroeconomics	3	3	0
(SOC 103 - Sustainability and Society	3	3	
OR ENG 124 - Oral Communications)	3	3	0

Courses - Semester 4

	Credits	Lecture	Lab
AUT 205 - Manual Transmissions/Transaxle	3	2	4
AUT 208 - Automatic Transmissions	3	2	4
(AUT 223 - Work Experience Co-op II	3	0	9

OR AUT 226 - Work Experience Lab II)	3	0	9
(MET 123 - Modern MFG Techniques	3	2	4
OR PHY 111 - Conceptual Physics)	4	3	2
MGT 212 - Principles of Management	3	3	0

*To complete program requirements, you must pass the above courses and earn at least **69 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.*