

## Automotive Technology +64221

The program is designed to prepare its graduates to enter the rapidly changing automotive repair industry. The student will study each automobile system where he/she will learn the theory of operation along with the proper diagnostic procedure to repair a system problem. Each course will have a laboratory session where students will have an opportunity to practice the concepts and procedures studied in the classroom. Automotive Technology is an NATEF Certified Program.

First Year		
First Semester		
Course		Semester Hours
AUMT 1405	Introduction to Automotive Technology	3
AUMT 1307	Automotive Electrical Systems	3
AUMT 1410	Automotive Brake Systems	4
AUMT 1412	Basic Automotive Service	3
		13
Second Semester		
Course		Semester Hours
AUMT 1316	Automotive Suspension & Steering Systems	3
AUMT 2417	Automotive Engine Performance Analysis I	3
AUMT 2434	Automotive Engine Performance Analysis II	4
AUMT 2301	Automotive Management	3
AUMT 1345	Automotive Climate Control Systems	3
		16
Summer Semester		
Course		Semester Hours
AUMT 1306	Automotive Engine Removal & Installation	3
AUMT 2321	Automotive Electrical Diagnosis and Repair	3
		6
Second Year		
First Semester		
Course		Semester Hours
ENGL 1301	Composition I	3
.....	Social & Behavioral Sciences Elective	3
AUMT 2371	Power Train Applications	3
MATH .....	MATH 1332 or MATH 1342 or higher	3
		12
Second Semester		
Course		Semester Hours
.....	Speech Elective	3
AUMT 2428	Automotive Service	4
AUMT 2380	Cooperative Education-Automobile/Automotive Mechanics Technology/Technician**	3
.....	Humanities/Fine Arts Elective	3
		13
		Total Hours 60

Student must make an appointment with the Automotive Technology department for an interview and Bennett Mechanical Aptitude Testing. Test scores of 42 and above will be admitted to the Automotive program. Test score of 41 and below will

be given an alternative schedule that will include Elementary Physics I (PHYS 1405) and applicable math and reading classes. These students will also be placed on a wait list. Students not admitted into the program may retest during the next semester's registration.

+ Course of study identification number.

\*\* Capstone Experience.

**Note:** A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.