



Program: Automotive Technology CIP: 470604							2021-2022		
LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
Competencies								Course Number	Course Title
1	2	3	4	5	6	7	8		
X		X	X	X		X	X	AUMT 1249	Automotive Electronic Theory
X		X	X	X	X	X	X	AUMT 1301	Introduction to Automotive Technology
X		X	X	X	X	X	X	AUMT 1407	Automotive Electrical Systems
X		X	X	X	X	X	X	AUMT 1310	Automotive Brake Systems
X		X	X	X	X	X	X	AUMT 1316	Automotive Suspension and Steering
X		X	X	X	X	X	X	AUMT 1419	Automotive Engine Repair
X		X	X	X	X	X	X	AUMT 1345	Automotive Climate Control Systems
X	X	X	X	X	X	X		AUMT 2301	Automotive Management
X		X	X	X	X	X	X	AUMT 2380	Automotive Cooperative Education
X		X	X	X	X	X	X	AUMT 2413	Automotive Drivetrain and Axles
X		X	X	X	X	X	X	AUMT 2417	Engine Performance Analysis I
X		X	X	X	X	X	X	AUMT 2425	Automatic Transmissions and Transaxles
X		X	X	X	X	X	X	AUMT 2434	Automotive Engine Performance Analysis II
X		X	X	X	X	X	X	AUMT 2337	Automotive Electronics (Advanced)
								COMPETENCY REFERENCES	
								8 Basic use of computers	
								7 Workplace Competencies: resources; interpersonal skills; information; systems; and technology.	
								6 Personal Qualities: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	
								5 Thinking Skills: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	
								4 Speaking and Listening: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	
								3 Arithmetic or Mathematics: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	
								2 Writing: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	
								1 Reading: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	



<p align="center">SCANS COMPETENCIES FOR PROGRAM Automotive Technology</p> <p align="center">ACADEMIC YEAR 2021-2022</p>			
Competency	Course where Competency is Assessed	Method of Assessment	Findings and Plans for Improvements
1 READING: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	All students were able to research information for repairs. Additional time should be spent on understanding and following repair procedures.
2 WRITING: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.	AUMT 2301	Assignments and Tests	Students prepared a resume for job placement. Let students know that many different online forms for resumes are available.
3 ARITHMETIC OR MATHEMATICS: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	Students should have learned more basic math skills before entering post-secondary education. Inform recruits of the basic math skills needed.
4 SPEAKING AND LISTENING: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	Students have good speaking skills and not so good listening skills. Provide classroom presentations to keep student interest.
5 THINKING SKILLS: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	Students ask instructors for answers before solving a problem on their own. Have students research the assignment and reach a conclusion before just giving the answer.
6 PERSONAL QUALITIES: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.	AUMT 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Supervisor Evaluations	Overall students did very well in personal qualities. Encourage students for better time management.
7 WORKPLACE COMPETENCIES: resources; interpersonal skills; information; systems; and technology	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2301, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	Students were capable of looking in several different methods for finding information needed. Inform students that google and Youtube are not the best resources.

8 BASIC USE OF COMPUTERS	AUMT 1249, 1301, 1407, 1310, 1316, 1419, 1345, 2380, 2413, 2417, 2425, 2434, 2337	Assignments and Tests	<p>All students are capable of using computers before entering the program.</p> <p>Teach students the process and procedures for using our online curriculum.</p>
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