Student Name:	
Student ID:	
Advisor:	
Catalog Year:	

C.A.S. Automotive Technology

This (41 credit) program provides students with the skills necessary for employment in the field of auto mechanics. At the conclusion of the one-year certificate, graduates may be employed as automotive service technicians or mechanics. They could also find employment in the retail/wholesale parts business. The median income for this field is \$35,790 per the US Department of Labor. This program has an Automotive Service Excellence (ASE) certified instructor.

Upon completion of this program, graduates will be able to: Test parts and systems to ensure that they are working properly

- Identify mechanical problems, often by using computerized diagnostic equipment
- Follow checklists to ensure that all critical parts are examined
- Test and lubricate the vehicle's engine and other major components
- Disassemble and reassemble parts
- · Perform basic care and maintenance, including oil changes, tune-ups, and tire rotations
- · Repair or replace worn parts, such as brake pads and wheel bearings
- Use testing equipment to ensure that repairs and maintenance are effective
- Explain to clients their automotive problems and the repairs done on their vehicles Program course requirements are presented in sequence. Part-time students and others who cannot follow this sequence should check Course Descriptions to determine prerequisites and should consult their advisor regarding the order in which to take courses. General Education courses.

First Year

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Fall Semester: 22 Credits		Credits	Term	Grade	Notes
AST 114/115	Automotive Brakes & Lab	2, 2			
AST 136/137	Automotive Electrical Systems & Lab	2, 2			
AST 172/173	Automotive Heating & Air Conditioning & Lab	3,1			
AST 220/221	Automotive Steering & Suspension & Lab	2, 2			
COMX 111	Intro to Public Speaking or COMX 115	3			
	Interpersonal Comm.				
M 111	Technical Math	3			
Spring Semester : 19 Credits					
AST 106/107	Automotive Manual Drive Train & Axles & Lab	1, 2			
AST 270/271	Auto Transmissions/Transaxles & Lab	2, 2			
AST 160/161	Automotive Engine Repair & Lab	2, 2			
AST 164/165	Automotive Diagnostics and Tune Up & Lab	3,2			
WRIT 121	Intro to Technical Writing	3			
OR					
	Written Communication elective	(3)			
TOTAL CREDITS		41			

Prerequisites/Supplemental/Required Courses

Course	Credits	Term	Grade	Notes