



Certificate of Proficiency: Automotive Mechanical Systems (16 ch)
Certificate of Proficiency: Automotive Engine Performance (15 ch)
Certificate of Proficiency: Automotive Heating and Air Conditioning (7 ch)
Certificate of Proficiency: Automotive Transmissions and Axles (13 ch)
Technical Certificate Automotive Service Technology (45 ch)
Associate of Applied Science Automotive Service Technology (60 ch)

Program Description:

Students requiring developmental coursework may not be able to complete this program of study in four (4) semesters. Developmental courses do not count toward total degree hours. Students having completed college-level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. General education courses may be interchanged between semesters.

Possible Prerequisites:

Course #	Course Title
ENG 0051	Writing Seminar
ENG 0053	English Fundamentals

Year 1					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
AST1205	Automotive Suspension and Steering	5	AST1106	Automotive Electrical/ Electronic Systems	6
AST1203	Automotive Brake Systems	3	AST1206	Automotive Engine Performance	6
AST1105	Automotive Engine Repair	5	ENG1003	Composition I	3
ENG1203	Workplace Essentials	3	MATH1013	Mathematical Applications	3
Total Hours		16	Total Hours		18
Certificate of Proficiency: Automotive Mechanical Systems 4345/47.0604			Certificate of Proficiency: Automotive Engine Performance 47.0604/1039		
Summer Term					
First Summer Term			Second Summer Term		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
AST1604	Automotive Heating and Air Conditioning	4		Social Science Elective	3
	Directed Elective	3			
Total Hours		7	Total Hours		3
Certificate of Proficiency: Automotive Heating and Air Conditioning 2477/47.0604					
Year 2					
Third Semester			Fourth Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
AST2105	Automatic Transmissions and Transaxles	5			
AST2205	Automotive Manual Drive Train and Axles	5			
MIS1203 MIS 1443	Introduction to Computers OR Technical Computer OR Applications	3			
MIS1503	Microcomputer Applications				
	Directed Elective	3			
Total Hours		16			
Certificate of Proficiency: Automotive Transmissions and Axles 2476/47.0604 Technical Certificate: Automotive Service Technology 2475/47.0604					

ADDITIONAL NOTES: Students can start the program at the beginning of any semester.

Social Science Elective: ECON, SOC, PSY, HIST, POSC, GEOG

Directed Electives: Choose 2 courses from below. (6 credit hours)

AST1003 Hybrid Electric and Fuel Cell Vehicles	SPCH1203 Oral Communication
BSYS2413 Introduction to Entrepreneurship	PE1623 Concepts of Fitness
SOC2213 Principles of Sociology	TEC1713 Safety