AUTOMOTIVE TECHNOLOGY CERTIFICATE

PROGRAM CODE: 1C21109

The **Automotive Technology Certificate** is designed to prepare students for employment as automotive technicians. Training is given in both theory and practical skills. Directed practical work is given in all areas of the automotive maintenance and repair under simulated on-the-job conditions. The program will provide the student the opportunity to acquire the knowledge and skills demanded of the modern automotive technician. The sequence in which courses are taken may be modified to meet individual needs. Primary emphasis is to prepare the student for occupational competency in automotive technology. This certificate requires a total of 57-58 units.

Code	Title	Units
Required courses are listed in suggested sequence: (52 units)		
AT 105 C	Automotive Electrical I	6
AT 120 C	Auto Engine Repair & Machining	12
AT 130 C	Auto Chassis and Brake Systems	12
AT 140 C	Auto Drivetrains and Transmissions	12
AT 150 C	Auto Performance and Drivability	12
Elective Courses (3-4 units):		**3-4**
AT 050 C	Auto Tech Special Projects	0.5-3
AT 101 C	Survey of the Automobile	3
AT 102 C	Automotive History	3
AT 106 C	Automotive Electrical II	6
AT 110 C	Intro to Automotive Technology	4
AT 111 C	Automotive Quick Service	6
AT 115 C	Automotive Air Conditioning	4
AT 170 C	Clean Air Car Level 1 and 2	4
AT 171 C	Advanced Clean Air Car Course	2
AT 209 C	Toyota Portfolio TPORT	1
AT 250 C	Adv Performance Driveability	4
AT 280 C	Intro to Alternative Fuels	4
AT 281 C	Intro to Elec.-Hybrid Vehicles	4
BUS 266 C	Human Relations in Business	3
Total Units		**57-58**

Program Student Learning Outcomes:

OBJECTIVE 1: Acquire the workforce preparation skills, including theory and practical skills , necessary for entry level employment in the automotive industry.

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