



DIVISION OF CAREER & TECHNICAL EDUCATION

ALTERNATIVE FUELS & ADVANCED TRANSPORTATION TECHNOLOGY

ASSOCIATE OF SCIENCE DEGREE

This Degree is designed to prepare students and incumbent employees as Alternative Fuels & Advanced Transportation Technology specialists. Training is in theory and practical skills. Directed practical work is given in all fuel areas, compressed and biodiesel, under simulated on-the-job conditions. The program will provide the student the opportunity to acquire the knowledge and hand skills demanded of modern transportation specialists. The sequence in which courses are taken may be modified to meet individual needs.

To acquire the **Associate of Science Degree in Alternative Fuels & Advanced Transportation**, it is necessary to complete the graduation requirements of the College along with the following courses:

Required Courses		Units	N	IP	C
AUTO 101	Introduction to Automotive Service and Repair: Underhood Service	3			
AUTO 103	Introduction to Automotive Service and Repair: Undercar Service	3			
AUTO 106	Automotive Electrical Tools and Diagnostic Procedures	3			
AUTO 107	*Introduction to Automotive Light Service	3			
AUTO 110	*Introduction to Engine Diagnosis and Tune-Up	3			
AUTO 115	*Computerized Engine Controls and Diagnostics	3			
AUTO 141	Alternative Fuels I	3			
AUTO 142	Alternative Fuels II	4			
AUTO 147	*Introduction to Hybrid & Electric Vehicle Technology	3			
AUTO 157	*Automotive Specialized Electronics Training	4			
Total major units needed for Associate of Science		32			
Units Completed					
*Prerequisite/Corequisite					