DIVISION OF CAREER & WORKFOCE EDUCATION

ALTERNATIVE FUELS & ADVANCED TRANSPORTATION TECHNOLOGY

ASSOCIATE OF SCIENCE DEGREE

This degree prepares students and incumbent employees to be technicians specializing in alternative fuels and advanced transportation technology. Training includes theory as well as practical skills. Directed practical work is given in all fuel areas, compressed and biodiesel, under simulated, on-the-job conditions. The program will provide students with an 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 Technology**, students must complete the required major courses below with a grade of "C" or better or of "P" if the course was taken on a Pass/No Pass basis, along with either of the following: Rio Hondo College General Education (RHC GE) or California General Education Transfer Curriculum (Cal-GETC). California State University General Education Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

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 Diagnostics Procedures	**3**			
AUTO 107	*Introduction to Automotive Light Service	**3**			
AUTO 144	Alternative Fuels Technician	**3**			
AUTO 147	*Introduction to Hybrid & Electric Vehicle Technology	**3**			
AUTO 150	*Engine Electrical Systems	**4**			
AUTO 157	*Automotive Specialized Electronics Training	**4**			
Total major units needed for Associate of Science		**26**			
Units Completed					
*Prerequisite/Corequisite					