



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**, students must complete the required major courses below with a grade of “C” or better along with one of the following:

- RHC GE and Proficiency requirements
- CSU GE (California State University General Education Breadth)
- IGETC (Intersegmental General Education Transfer Curriculum)

Required Courses		Units	N	IP	C
<b>AUTO 101</b>	Introduction to Automotive Service and Repair: Underhood Service	<b>3</b>			
<b>AUTO 103</b>	Introduction to Automotive Service and Repair: Undercar Service	<b>3</b>			
<b>AUTO 106</b>	Automotive Electrical Tools and Diagnostics Procedures	<b>3</b>			
<b>AUTO 107</b>	*Introduction to Automotive Light Service	<b>3</b>			
<b>AUTO 143</b>	Alternative Fuels Technician	<b>4</b>			
<b>AUTO 147</b>	*Introduction to Hybrid & Electric Vehicle Technology	<b>3</b>			
<b>AUTO 150</b>	*Engine Electrical Systems	<b>4</b>			
<b>AUTO 157</b>	*Automotive Specialized Electronics Training	<b>4</b>			
<b>Total major units needed for Associate of Science</b>		<b>27</b>			
Units Completed					
*Prerequisite/Corequisite					