ASSOCIATE OF APPLIED SCIENCE DEGREE

AUTOMOTIVE/DIESEL TECHNOLOGY - LIGHT DUTY Length: 27 Months

Students in this program will prepare for entry-level positions in the automotive/diesel industry by acquiring both the technical and management skills currently applicable to the industry. They will also take a core of general education courses to augment their technical education.

MISSION STATEMENT: The Automotive Department's mission is to provide our students with technical training according to the standards set by the ASE Education Foundation to enable our students to be a viable commodity in the automotive field. The Diesel Department's mission is to provide a quality education from its diverse courses, developing students into a knowledgeable and productive work force.

Technical Requirements		Instructional Hours	Credit Hours
AU116	Manual Drivetrains & Axles	120	6
AU117	Automatic Transmissions/Transaxle	120	6
AU118	Transportation Heating Ventilation Air Conditioning	120	6
AU122	Automotive Engine Diagnosis & Repair	120	6
AU123	Electrical & Electronics I	120	6
AU126	Suspension & Steering	120	6
AU127	Hydraulic Brake Systems	120	6
AU228	Electrical & Electronics II	120	6
	or		
DT228	Heavy Equipment & Vehicle Integrated Electronics	120	6
AU230	Automotive Engine Performance	120	6
AU232	Computerized Engine Control Systems	120	6
DT119	Theory & Techniques in Welding	120	6
DT127	Light Duty Diesel Engine Diagnosis & Repair	120	6
DT231	Light Duty Diesel Performance & Diagnosis	120	6
DT234	Light Duty Diesel Engine Electronic Controls	120	6
UN295	Major Specific Capstone - Associate	24	3
	Total Technical Hours	**1704**	**87**

General Education & Related Requirements		Instructional Hours	Credit Hours
DP153	Digital Documents & Spreadsheets	36	3
CO179	Introduction to Human Communication	24	3
MH150	Technical Math	36	4
EN180	Composition I	48	5
PS274	The American Political Scene	24	3
PY177	Psychology	24	3
SC205	Earth Science	24	3
UN220	Introduction to Diversity Issues	24	3
MA234	Customer Relations Automated Management	48	3
EN200	Composition II	48	5
UN112	CoAT First-Year Experience	11	2
	Total General Hours	**347**	**37**
	TOTAL HOURS FOR GRADUATION	**2051**	**124**

*EN070	Basic English	48	3
*MH065	Review Math	48	3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

Recommended Additional Courses		Instructional Hours	Credit Hours
CDL101	Commercial Driver License I	120	6
CDL102	Commercial Driver License II	120	6