

## Diesel Technology

### Associate of Applied Science, 66-69 Credit Hours, 18-Month Program

The Diesel Technology program will provide education in most types of land transportation, vehicles, and construction equipment to include trucks, tractors, construction equipment, and mining equipment.

Course No.	Course Title	Credits
<b>General Education Requirements</b>		
CIS 105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ENGL 106	WORKPLACE COMMUNICATIONS I*	3
MATH 100	ELEMENTARY ALGEBRA** <i>or higher</i>	3
PSYC 103	HUMAN RELATIONS IN THE WORKPLACE	3
SOC 100	INTRODUCTION TO SOCIOLOGY	3
<b>Total</b>		<b>15</b>
<b>Technical Requirements</b>		
DT 105	DIESEL TECHNOLOGY HVAC	3
DT 110	HEAVY DUTY POWERTRAINS	4
DT 115	PREVENTATIVE MAINTENANCE	3
DT 120	DIESEL ENGINES I	5
DT 125	UNDER-TRUCK DIAGNOSTICS	3
DT 130	UNDER-TRUCK DIAGNOSTICS LAB	5
DT 210	HYDRAULICS	3
DT 215	VEHICLE ELECTRICITY AND ELECTRONIC SYSTEMS	4
DT 220	VEHICLE ELECTRICITY AND ELECTRONIC SYSTEMS LAB	6
DT 230	SHOP MANAGEMENT	3
DT 240	DIESEL ENGINES II	4
DT 245	DIESEL ENGINES II LAB	6
INT 299	INTERNSHIP (OPTIONAL)	3
WDM 100	WELDING AND FABRICATION FOR GENERAL APPLICATIONS	2
<b>Total</b>		<b>51-54</b>

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score or Basic Math.

## Semester Breakdown

<b>First Semester</b>			<b>Second Semester</b>		
		<b>CR</b>			<b>CR</b>
DT 105	Diesel Technology HVAC	3	DT 120	Diesel Engines I	5
DT 110	Heavy Duty Powertrains	4	DT 125	Under-Truck Diagnostics	3
DT 115	Preventative Maintenance	3	DT 130	Under-Truck Diagnostics Lab	5
CIS 105	Microcomputer Software Applications I	3	MATH 100	Elementary Algebra <i>or higher</i>	3
ENGL 106	Workplace Communications I	3			
<b>Total Credit Hours</b>		<b>16</b>	<b>Total Credit Hours</b>		<b>16</b>
<b>Third Semester</b>			<b>Fourth Semester</b>		
		<b>CR</b>			<b>CR</b>
DT 215	Vehicle Electricity & Electronic Systems	4	DT 210	Hydraulics	3
DT 220	Vehicle Electricity & Electronic Systems Lab	6	DT 240	Diesel Engines II	4
DT 230	Shop Management	3	DT 245	Diesel Engines II Lab	6
WDM 100	Welding and Fabrication for General Applications	2	INT 299	Internship <i>optional</i>	3
SOC 100	Introduction to Sociology	3	PSYC 103	Human Relations in the Workplace	3
<b>Total Credit Hours</b>		<b>18</b>	<b>Total Credit Hours</b>		<b>16-19</b>

If you are or have been convicted, pleaded guilty or no contest to, or received a suspended imposition of sentence for a felony or certain misdemeanors, you are advised that you may not be able to complete all course requirements for your chosen program, you may be prevented from taking required certification/licensure examinations in your chosen program field, and you may be prevented from gaining employment in your program field.