

**AUTOMOTIVE/DIESEL TECHNICIAN**

**Length: 102 Weeks**

Students in this program will prepare for entry-level positions in the automotive/diesel industry by acquiring the technical skills currently applicable to the industry.

<u>Technical Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
AU116 Manual Drive Trains & 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
AU128 Electrical & Electronics II	120	6
or		
DT128 Heavy Equipment & Vehicle Integrated Electronics	120	6
AU130 Automotive Engine Performance	120	6
AU132 Computerized Engine Control Systems	120	6
DT119 Theory & Techniques in Welding	120	6
DT124 Diesel Engine Diagnosis & Repair	120	6
DT126 Diesel Performance & Diagnosis	120	6
DT130 Truck Air Systems, Brakes & Preventive Maintenance	120	6
DT131 Truck Drive Trains	120	6
DT135 Diesel Engine Electronic Controls	<u>120</u>	<u>6</u>
<b>Total Technical Hours</b>	<b>1920</b>	<b>96</b>

<u>Related Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
DP152 Applications of Word and Excel	36	3

<u>General Education Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CO179 Introduction to Human Communication	24	3
MH170 Technical Math	48	5
UN100 First Year Experience	12	1
UN292 Portfolio Capstone	<u>12</u>	<u>1</u>
<b>Total General Hours</b>	<b>96</b>	<b>10</b>
<b>TOTAL HOURS FOR GRADUATION</b>	<b>2052</b>	<b>109</b>

\*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.

<u>Recommended Optional Courses</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CDL101 Commercial Driver License I	120	6
CDL102 Commercial Driver License II	120	6
HP130 High Performance Engine Machining	120	6