

# DIPLOMA

## AUTOMOTIVE/DIESEL TECHNICIAN

**Length: 30 Months**

*Program length includes 12 break-weeks and class time for Review Math if required.*

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 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
DT124 Diesel Engine Diagnosis & Repair	120	6
DT130 Truck Air Systems, Brakes & Preventive Maintenance	120	6
DT131 Truck Drivetrains	120	6
DT230 Diesel Performance & Diagnosis	120	6
DT235 Diesel Engine Electronic Controls	120	6
HY130 Hydraulics	120	6
UN290 Major Specific Capstone - Diploma	<u>11</u>	<u>1</u>
<b>Total Technical Hours</b>	<b>2051</b>	<b>103</b>

<u>General Education &amp; Related Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
DP153 Digital Documents & Spreadsheets	36	3
CO179 Introduction to Human Communication	24	3
MH150 Technical Math	36	4
UN110 First-Year Experience	<u>11</u>	<u>2</u>
<b>Total General Hours</b>	<b>107</b>	<b>12</b>
<b>TOTAL HOURS FOR GRADUATION</b>	<b>2158</b>	<b>115</b>

\*MH065 Review Math

48

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

<u>Recommended Additional Courses</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CDL101 Commercial Driver License I	120	6
CDL102 Commercial Driver License II	120	6