

DIPLOMA

AUTOMOTIVE/HIGH PERFORMANCE TECHNICIAN

Length: 31 Months

Program length includes 13 break-weeks and class time for Review Math if required.

Students in this program will prepare for entry-level positions in the high performance 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
AU230 Automotive Engine Performance	120	6
AU232 Computerized Engine Control Systems	120	6
HP105 High Performance Accessory Trends	120	6
HP110 High Performance Welding	120	6
HP130 High Performance Engine Machining	120	6
HP215 High Performance Fabrication	120	6
HP217 High Performance Suspension & Steering	120	6
HP228 High Performance Drive Lines	120	6
HP240 High Performance Fuel/Electronics/Ignition Systems	120	6
HP245 High Performance Custom Engine Building	120	6
UN290 Major Specific Capstone - Diploma	<u>11</u>	<u>1</u>
Total Technical Hours	2171	109

<u>General Education & 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>
Total General Hours	107	12
TOTAL HOURS FOR GRADUATION	2278	121

*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