

DIPLOMA

AUTOMOTIVE / HIGH PERFORMANCE TECHNICIAN

Length: 114 Weeks

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 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
AU130 Automotive Engine Performance	120	6
AU132 Computerized Engine Control Systems	120	6
HP101 High Performance Suspension & Steering	120	6
HP102 High Performance Drive Lines	120	6
HP105 High Performance Accessory Trends	120	6
HP130 High Performance Engine Machining	120	6
HP200 High Performance Fuel/Electronics/Ignition Systems	120	6
HP201 High Performance Custom Engine Building	120	6
HP210 High Performance Welding	120	6
HP215 High Performance Fabrication	120	6
Total Technical Hours	2160	108

<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	12	1
Total General Hours	96	10
TOTAL HOURS FOR GRADUATION	2292	121

*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

