

DIPLOMA

HIGH PERFORMANCE TECHNICIAN

Length: 28 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 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 |
| 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 |
| 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 | 1931 | 97 |

| <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 | 2038 | 109 |

*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 Additional Courses</u> | <u>Instructional Hours</u> | <u>Credit Hours</u> |
|---|----------------------------|---------------------|
| AU118 Transportation Air Conditioning & Refrigeration | 120 | 6 |
| AU232 Computerized Engine Control Systems | 120 | 6 |
| CDL101 Commercial Driver License I | 120 | 6 |
| CDL102 Commercial Driver License II | 120 | 6 |