

DIPLOMA

DIESEL TECHNICIAN

Length: 72 Weeks

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

| <u>Technical Requirements</u> | <u>Instructional Hours</u> | <u>Credit Hours</u> |
|---|----------------------------|---------------------|
| AU118 Transportation Heating Ventilation Air Conditioning | 120 | 6 |
| AU123 Electrical & Electronics I | 120 | 6 |
| AU126 Suspension & Steering | 120 | 6 |
| AU127 Hydraulic Brake Systems | 120 | 6 |
| DT119 Theory & Techniques in Welding | 120 | 6 |
| DT124 Diesel Engine Diagnosis & Repair | 120 | 6 |
| DT126 Diesel Performance & Diagnosis | 120 | 6 |
| DT128 Heavy Equipment & Vehicle Integrated Electronics | 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> |
| Total Technical Hours | 1320 | 66 |

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

| <u>General Education & Related 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> |
| Total General Hours | 96 | 10 |
| TOTAL HOURS FOR GRADUATION | 1452 | 79 |

*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 |

