



Light Duty Diesel Diploma (D60430)

2022-23 Curriculum Sheet

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| FALL I | | | | | | | |
|-------------------------|-------|---|-------|-----|--------|--------|----------------------|
| Prefix | No | Title | Class | Lab | Clinic | Credit | Course Prerequisites |
| AUT | 151 | Brake Systems | 2 | 3 | | 3 | |
| AUT | 151A | Brake Systems Lab | 0 | 3 | | 1 | |
| TRN | 110 | Introduction to Transportation Technology | 1 | 2 | | 2 | |
| TRN | 120 | Basic Transportation Electronics | 4 | 3 | | 5 | |
| TRN | 120A | Basic Transportation Electronics Lab | 0 | 3 | | 1 | |
| COM | _____ | Communications Elective | 3 | 0 | | 3 | |
| Total Recommended Hours | | | 10 | 14 | 0 | 15 | |

| SPRING I | | | | | | | |
|-------------------------|-------|-------------------------------------|---|----|---|----|---------|
| AUT | 163 | Advanced Automotive Electricity | 2 | 3 | | 3 | TRN 120 |
| AUT | 163A | Advanced Automotive Electricity Lab | 0 | 3 | | 1 | |
| TRN | 170 | PC Skills for Transportation | 1 | 2 | | 2 | |
| TRN | 145 | Advanced Transportation Electronics | 2 | 3 | | 3 | TRN 120 |
| MAT | _____ | Math/Natural Science Elective | 3 | 0 | | 3 | |
| Total Recommended Hours | | | 8 | 11 | 0 | 12 | |

| FALL II | | | | | | | |
|-------------------------|------|--------------------------------|---|----|---|----|--|
| AUT | 116 | Engine Repair | 2 | 3 | | 3 | |
| AUT | 116A | Engine Repair Lab | 0 | 3 | | 1 | |
| LDD | 112 | Introduction Light-Duty Diesel | 2 | 2 | | 3 | |
| LDD | 181 | Light-Duty Diesel Fuel Systems | 2 | 6 | | 4 | |
| Total Recommended Hours | | | 6 | 14 | 0 | 11 | |

| SPRING II | | | | | | | |
|-------------------------|-----|-----------------------------|---|---|---|---|--|
| LDD | 183 | LDD Air, Exhaust, Emissions | 2 | 6 | | 4 | |
| LDD | 284 | LDD Test and Diagnosis | 2 | 3 | | 3 | |
| Total Recommended Hours | | | 4 | 9 | 0 | 7 | |

| | |
|---------------------|----|
| Total Program Hours | 45 |
|---------------------|----|

| Electives | Suggested Course Highlighted |
|---|--|
| Communication Electives- | COM 110, COM 120 , COM 231, ENG 111 |
| Math/Natural Science Electives- | MAT 110 , MAT 121, MAT 143, MAT 171 |
| Highest developmental courses that MUST be completed - Determined by placement test scores | |
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| Notes |
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| Automotive Light Duty Diesel Technology Diploma requires a minimum of 45 credit hours for completion. |
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| <i>Revised 4/6/22</i> |

Please note that this is a possible semester-by-semester course of study. Any developmental courses such as DMA and DRE courses that are necessary for student placement will extend the time needed for completion. In such cases, graduation may be extended by one or more semesters. Other delays might be experienced in regard to the timelines of various course offerings.