



Diesel Equipment Technology Diploma (DET4)- 47 Credit Hours (Fall start)

Program Description:

The Diesel Equipment Technology diploma program is a sequence of courses designed to prepare students for careers in the diesel equipment service and repair profession. Learning opportunities enable students to develop academic, technical and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of truck, heavy equipment, marine systems, or emergency power generator repair theory and practical application necessary for successful employment depending on the specialization area a student chooses to complete. Graduates may find employment as entry-level diesel equipment technicians. Salaries in this occupation are estimated to range from \$38,950 - \$59,440 per year (BLS.gov May 2022).

Contact:

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Website:

<https://www.westgatech.edu/program-explorer/installation-maintenance-repair/diesel-equipment-technology/>

| Pre-Diploma Requirements | | | | | |
|---|-------|--|--------|-----------|-------------------------------|
| Program Specific | | | | | |
| <ul style="list-style-type: none"> Min GPA 2.0 Carrollton campus Fall start recommended | | | | | |
| Set the Track, Start the Track, Stay on Track | | | | | |
| <i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester</i> | | | | | |
| ✓ | Grade | Semester 1 | S | CR | Notes & Milestones |
| | | DIET 1000 Introduction to Diesel Technology, Tools and Safety | FA, SP | 3 | |
| | | DIET 1010 Diesel Electrical and Electronic Systems | FA, SP | 7 | Corequisite: DIET 1000 |
| | | COMP 1000 Introduction to Computer Literacy | ALL | 3 | |
| | | | | 13 | Program Semester Hours |
| ✓ | Grade | Semester 2 | S | CR | Notes & Milestones |
| | | DIET 2001 Heavy Equipment Hydraulics | SP | 6 | Prerequisite: DIET 1010 |
| | | DIET 2011 Off Road Drivelines | SP | 6 | Prerequisite: DIET 1010 |
| | | EMPL 1000 Interpersonal Relations and Professional Development | ALL | 2 | |
| | | | | 14 | Program Semester Hours |
| ✓ | Grade | Semester 3 | S | CR | Notes & Milestones |
| | | DIET 1040 Diesel Truck and Heavy Equipment HVAC Systems | SU | 3 | Prerequisite: DIET 1010 |
| | | MATH 1012 Foundations of Mathematics | ALL | 3 | |
| | | | | 6 | Program Semester Hours |

| ✓ | Grade | Semester 4 | S | CR | Notes and Milestones |
|--|-------|-------------------------------------|-----|-----------|-------------------------------|
| | | DIET 1020 Preventive Maintenance | FA | 5 | Prerequisite: DIET 1010 |
| | | DIET 1030 Diesel Engines | FA | 6 | Prerequisite: DIET 1010 |
| | | ENGL 1010 Fundamentals of English I | ALL | 3 | |
| | | | | 14 | Program Semester Hours |
| Always check online https://www.westgatech.edu/ and meet with your Advising or Faculty Coach to ensure you are viewing the latest and most accurate information. | | | | | |

Employment Opportunities: <https://www.westgatech.edu/student-life/career-services/>

Financial Aid by Program: <https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

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