

HEAVY-DUTY TRUCK TECHNICIAN - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: <https://cwi.edu/program/heavy-duty-truck-technician>

Certificate Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Powersports and Diesel Technology
- **Program Code:** TTEC.ATC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

Certificate Requirements

| Course | Course Title | Min Credits |
|---------------------------------------|--|-------------|
| General Education Requirements | | |
| MATH 118 & 118L | Technical Math and Technical Math Lab (Recommended GEM 3) ¹ | 3 |
| Select one of the following: | | 3 |
| ENGL 101 | Writing and Rhetoric I (Recommended GEM 1) ¹ | |
| COMM 101 | Fundamentals of Oral Communication (Recommended GEM 2) ¹ | |
| Select one of the following: | | 3 |
| CWI 101 | Connecting With Ideas (Recommended GE Elective) ¹ | |
| PSYC 140 | Human Relations for Career and Personal Success (Recommended GEM 6) ¹ | |
| Major Requirements | | |
| TTEC 102 | Foundation and Safety | 4 |
| TTEC 106 | Electrical and Electronic Systems | 4 |
| TTEC 110 | Engines/Engine Controls | 4 |
| TTEC 120 | Suspension, Steering, and Brakes | 4 |
| TTEC 130 | Drivetrains | 4 |
| TTEC 140 | Preventive Maintenance/HVAC | 4 |
| TTEC 220 | Advanced Electrical Systems | 4 |
| TTEC 230 | Advanced Engine/Engine Controls | 4 |
| TTEC 240 | Advanced Drivetrains | 4 |
| TTEC 250 | Advanced Suspension, Steering, and Braking Systems | 4 |
| TTEC 260 | Advanced Preventive Maintenance/HVAC | 4 |
| TTEC 290 | Heavy-Duty Truck Technician Capstone | 4 |
| Minimum Credit Hours Required | | 57 |

¹ The courses listed under the General Education Requirements section are recommended by the department as the most beneficial general education (GE) options for students in this program. **Please note that students may fulfill their GE requirements by completing another course from within the designated general education category.**