

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

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

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate critical thinking and problem-solving skills identified by ASE, National Institute for Automotive Service Excellence Medium/Heavy-Duty Truck Technician Task List for the purpose of becoming a successful entry-level heavy-duty truck technician. Areas of advanced knowledge and skill development include electrical systems, engines and engine controls, braking systems, drivetrains, steering and suspension, preventive maintenance, and HVAC.
- Demonstrate written and oral communication skills consistent with industry.
- Demonstrate desirable work habits and interpersonal skills essential to successful job performance.
- Demonstrate knowledge and application of safety practices specifically related to heavy-duty diesel repair and maintenance at CWI.
- Demonstrate critical thinking and problem-solving skills.
- Read, interpret, and communicate basic mathematical concepts.

(The CWI Heavy-Duty Truck Technician's program learning outcomes are adapted from the [National Institute for Automotive Service Excellence \(ASE\) Master Standards for Medium/Heavy-Duty Truck Certification.](#))