



Diesel Technology

Tech Prep Program

Visit the Space!

Talk to your counselor about setting up a tour of the Diesel Technology program at Conway Beam!

Program Information

Diesel Technology is a 1-year, senior-level program that allows students to explore the field of the diesel industry while earning high school and college credits. Students will work on trucks and diesel engines and engage with professionals at the Conway Beam Truck Group site. Topics of study include: engine repair, electrical and circuit fundamentals, wiring, welding, bearings and seals, engine removal, disassembly and installation, wheel alignment, principles of hydraulics, and the parts and tools needed to build an engine. Students will also learn about emissions systems and their components as well as diagnostics and repairs.

Program Highlights

- Develop a network of professional connections through field experiences at Conway Beam.
- Real-world, hands-on training in diesel technologies at a brand new, state-of-the-art facility.
- Daily access to professional tools and equipment.
- One-month internship with industry professionals.

Career Pathways

- Diesel Technician
- Heavy Truck Mechanic
- Light Duty Truck Mechanic
- Farm Equipment Mechanic
- Heavy Equipment Mechanic
- Entrepreneur
- Master Diesel Technician
- Diesel Educator

College Agreements

- Universal Technical Institute

High School Credits

- English 12 (1 Credit)
- Participation in Government (.5 Credit)
- Economics (.5 Credit)
- Internship Credit (1 Credit)
- Diesel Technology (1 Credit)

Program Partnerships

Diesel Technology is held at the cutting-edge Conway Beam Truck Group. Conway Beam Truck Group allows our students to interact with professionals in the diesel industry and learn first hand what it takes to work in a state-of-the-art shop.



Find out more!
Watch the program video by scanning the QR code!



Looking for more information?
Reach out to Ana Fusco at afusco@e1b.org

Tech Prep programs require an application and an interview for admission. Students must provide their own transportation to class and internship sites.