

Diesel Technology Program Information

@ Parkway West Career & Technology Center



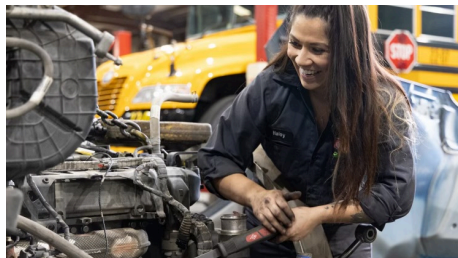
 **Attention Freshmen** interested in earning valuable marketable skills in the trade of **DIESEL MECHANICS!**

 The following are links with information about the **DIESEL TECHNOLOGY PROGRAM** at Parkway West Career & Technology Center, which starts in 10th grade and spans over 3 years.

 Review the information, and if you're interested in attending PWCTC next year, [email Ms. Humbertson here](#) for more information! Thank you!

LINKS TO CHECK OUT!

- [PWCTC Diesel Technology Program Info](#)
- [Video from PWCTC](#)
- [Occupational Outlook Handbook: Diesel Mechanic](#)
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Career Paths

- **Dealership Technician:** Specializes in servicing and repairing vehicles at automotive dealerships.
- **Fleet Technician:** Focuses on maintaining and repairing vehicles in a commercial fleet.
- **Parts Clerk:** Manages inventory and supplies parts to mechanics and customers.

- **Service Manager:** Oversees the service department, ensuring customer satisfaction and smooth operations.
- **Service Writer:** Acts as a liaison between the customer and the service team, documenting repair needs and updates.
- **Equipment Technician:** Maintains and repairs heavy machinery and industrial equipment.

Certifications

- **Certified by The National Institute for Automotive Service Excellence (ACE):** This certification signifies a technician's high level of skill and knowledge in the automotive service industry.
- **SP/2 Mechanical Safety Certification:** Ensures technicians understand and adhere to safety standards in mechanical operations.

Courses of Study

- **Shop Safety:** Understanding and implementing safety protocols to prevent accidents.
- **Shop Management:** Learning to manage a service shop efficiently, including personnel and resources.
- **Preventative Maintenance:** Focusing on routine maintenance to prevent vehicle breakdowns.
- **Tires & Brakes:** Specialized training in the maintenance and repair of tires and brake systems.
- **Steering & Suspension:** Learning the intricacies of vehicle steering and suspension systems.
- **Transmission & Drive Line:** Understanding the mechanics of transmission systems and driveline components.
- **Engine Repair:** Skills necessary for repairing and rebuilding engines.
- **Engine Diagnostics:** Techniques for diagnosing and fixing engine problems.
- **Bio Fuel Usage:** Understanding alternative fuels and their applications in the automotive industry.
- **Hydraulic Principles:** Studying the principles of hydraulics as they apply to vehicles and machinery.