



CAREER & TECHNICAL
EDUCATION AREA



IVY TECH DIESEL TECHNOLOGY

PROGRAM DISCRIPTION

The heavy truck diesel degree is designed to introduce and prepare students for a career in this fast growing field of study. New strict emission standards and advanced computer electronic systems have created a desperate need for skilled technicians that have a good understanding of these high tech computer controlled systems. Classroom theory and live lab assisted hands-on training will be the cornerstones of this program as it focuses on the current and future needs of the industry.

This is a hands-on training program that allows plenty of lab time to develop the skills needed to be successful in the field as students learn how to diagnose and repair high-tech systems. Students receive hands-on experience on up to date repair and diagnostic equipment used in the diesel engine industry by ASE certified instructors. This program will prepare students for entry level employment with companies that require training in areas such as: electrical systems, engine performance, transmissions, brakes, steering and suspension systems, air conditioning systems, and engine repair. Students are prepared to take industry standard certification exams from ASE.

Our Graduates are sought after by local employers when they need heavy truck or diesel engine service technicians at places such as new truck dealerships, independent repair shops, parts stores, construction or farm equipment repair facilities, or even start their own business!

DOE CODES:

- 7216 Principles of Diesel Services
- 7210 Diesel Steering and Brakes
- 7211 Diesel Transmissions
- 7221 Diesel Services Capstone

PROGRAM ADVISOR: MICHAEL MAUNTEL

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ADDITIONAL INFO

GRADE LEVEL: 11TH OR 12TH

LENGTH OF PROGRAM: 1 OR 2 YEARS - 1/2
DAY
HS CREDITS PER SEMESTER: 3

HS CREDITS PER YEAR: 6

PROGRAM WEBSITE: WWW.IVYTECH.EDU

COURSE INFO



FALL SEMESTER COURSES:

TRCK 121 - Truck Braking Systems

(3 Cr Hrs) T/R 1:00pm-4:50pm (1st 8 weeks)

TRCK 101 - Steering & Suspension

(3 Cr Hrs) T/R 1:00pm-4:50pm (2nd 8 weeks)



SPRING SEMESTER COURSES:

TRCK 125 - HT Transmission/ Differential

(3 Cr Hrs) M/W 1:00pm-4:50pm (1st 8 weeks)

TRCK 127 - Diesel Engine Repair

(3 Cr Hrs) M/W 1:00pm-4:50pm (2nd 8 weeks)



FEES:

Course Fees: TRCK101 \$22.00 – Supplies

- TRCK 121 \$22.00 – Supplies
- TRCK 125 \$22.00 – Supplies
- TRCK 127 \$22.00 – Supplies

Ivy Tech Technology Fees*: \$60 per semester

E-Learning fee (in lieu of textbook): \$105.00 for each course

Tuition: Twin Rivers pays ALL CTE course tuition. Student pays for fees and books.

*FEES ARE APPROXIMATE AND COULD VARY FROM YEAR TO YEAR.