DIESEL TRUCK TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE DEGREE

CAREER PATHS

BIODIESEL ENGINE SPECIALIST
DIESEL SERVICE TECHNICIAN
TRACTOR TRAILER MECHANIC
DIESEL ENGINE FITTER
MARINE DIESEL TECHNICIAN
TRUCK ENGINE TECHNICIAN

SALARY

$60,640*
MEDIAN ANNUAL INCOME

JOB GROWTH

2024-2034: 2%*

SCAN FOR YOUR FUTURE

WEWORK

*2025 Bureau of Labor Statistics

Johnson College does not discriminate with regard to race, color, national origin, sex, or disability.

Johnson COLLEGE OF TECHNOLOGY SCRANTON

DIESEL TRUCK TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE DEGREE

PROGRAM OBJECTIVE

The Diesel Truck Technology program prepares students as entry-level technicians with the latest information on diagnosis, repair procedures, preventive maintenance, and necessary safety applications in diesel technology. The course prepares students to take the voluntary mechanic certification test (ASE) in heavy-duty trucks. Graduates work as tuneup, brakes, transmission and refrigeration technicians; diesel truck repair and fleet maintenance technicians; service writing technicians; and sales and service representatives.

READY. SET. WORK.

Goal 1: Graduates will possess the appropriate skills and safety awareness that are needed for decision-making and critical thinking for entry into the Diesel Truck Technology field.

Goal 2: Graduates will understand the importance of professional behavior and life-long learning within the Diesel Truck Industry.

Goal 3: Graduates will meet the needs of the Diesel Truck Technology field. Graduates will be provided the skills that will provide them the opportunities in various areas of the diesel profession.

CAREER OPPORTUNITIES

Typical employers of diesel truck technicians are truck, farm, and earth-moving equipment dealerships; trucking, power generation, and construction companies; truck service centers; engine repair/machine shops; truck equipment distributors; independent service garages; automotive parts manufacturers; sales representatives; and insurance companies.

Johnson COLLEGE OF TECHNOLOGY

Johnson.edu

570-702-8856

3427 N Main Ave, Scranton, PA 18508

Courses are subject to change. Please check johnson.edu for up-to-date course info.

PROGRAM COURSES

	CREDITS
TERM 1	
Introduction to Vehicle Maintenance and Repair Technology	2
Introduction to Diesel Electricity & Electronics	3
Brake Systems for Diesel	2
Brake Systems for Diesel Lab	1
Steering and Suspension Systems for Diesel	3
Mathematics Elective: MAT 101 or MAT 105	3
First-Year Experience	1
TERM 2	
Advanced Electrical Systems for Diesel	2
Advanced Electrical Systems for Diesel Lab	1
Diesel Fuel Injection and Emissions	2
Diesel Fuel Injection and Emissions Lab	1
Diesel Engine Performance and Tune-up Procedures	2
Diesel Engine Performance and Tune-up Procedures Lab	2
Industry Communication	3
Science Elective: PHY-120 or SCI-150	3
TERM 3	
Manual Transmission Overhaul	2
Manual Transmission Overhaul Lab	1
Differentials and Drive Line	3
Diesel Engine Overhaul	2
Diesel Engine Overhaul Lab	2
Welding and Flame Cutting for Vehicles	1
Welding and Flame Cutting for Vehicles Lab	2
Introduction to Business	3
Art in Industry	2
Art in Industry Lab	1
TERM 4	
Transportation Safety & Certifications	2
Automatic Transmission Diagnostics, Basic Hydraulics	2
Automatic Transmission Diagnostics, Basic Hydraulics Lab	1
Applied Diesel Truck Principles and Applications & Lab or Internship	4
Advances in Diesel Truck Technology	2
HVAC Vehicle Systems	2
HVAC Vehicle Systems Lab	1
Customer Service in Our World	3
Grad Ready	0
MINIMUM CREDITS TO GRADUATE	**67**

This term layout is based off of a fall start. Students who start in the spring will be required to attend an additional term to complete their degree.

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling **570-702-8856** or visit our website **johnson.edu** to review our requirements.