



In the next 10 years

**67%** (174,782) of the

**260,000 Jobs**

are in these top 5 fields:



Advanced  
Manufacturing



Health &  
Life Sciences



Building &  
Construction



IT & Business  
Services



Transportation  
& Logistics



**NextLevel Jobs**  
INDIANA

Source: Indiana Department of Workforce Development

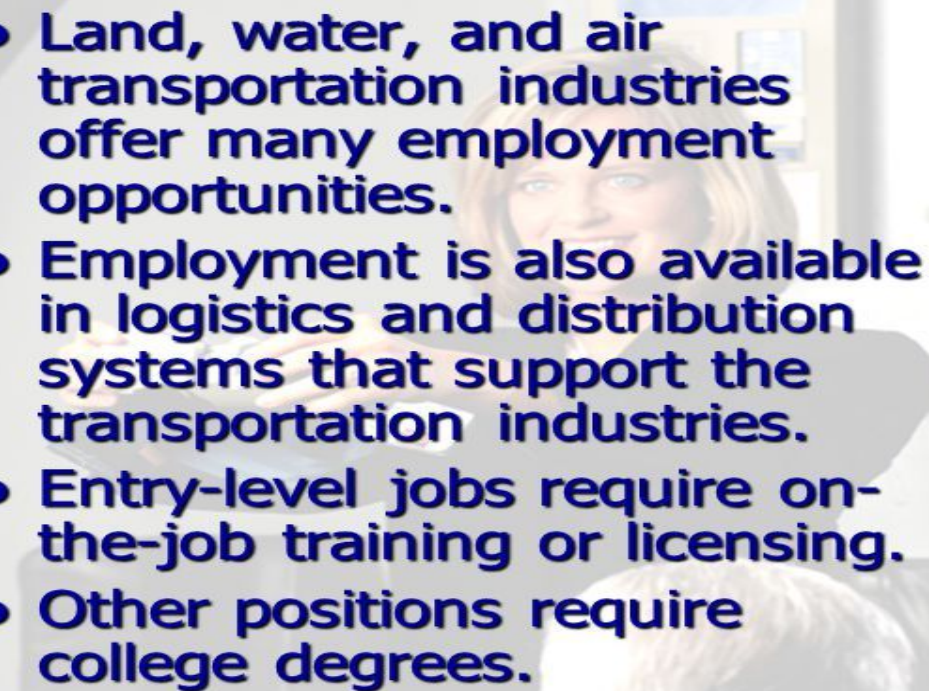
# The Transportation, Distribution & Logistics Career Cluster

Careers in the **Transportation, Distribution & Logistics** cluster involve the planning, managing and movement of people, materials and goods by road, pipeline, air, rail or water.

Related professional and technical support services include transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.



# Transportation, Distribution & Logistics

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- Land, water, and air transportation industries offer many employment opportunities.
  - Employment is also available in logistics and distribution systems that support the transportation industries.
  - Entry-level jobs require on-the-job training or licensing.
  - Other positions require college degrees.

## Career Pathways

- Transportation Operations
- Logistics Planning and Management Services
- Warehousing and Distribution Center Operations
- Facility and Mobile Equipment Maintenance
- Transportation System/ Infrastructure Planning, Management, and Regulation
- Health, Safety, and Environmental Management
- Sales and Service

# Jobs in Transportation, Distribution, and Logistics

- Airplane pilot
- Warehouse manager
- Truck driver
- Ship captain
- Air traffic controller
- Automotive technician



❖ *What jobs can you add to the list?*

## **Do you like to...**

- Repair bikes, vehicles, and engines
- Visit transportation museums
- Sort or deliver items
- Ride on a boat or ship
- Ride on a train
- Fly on a plane
- Travel long distances
- Travel to different places
- Make and fly model airplanes
- Use remote controlled devices
- Lift or carry items
- Create and design machines

**If so...careers  
in this career  
cluster may be  
for you!!**

# Common Skills in these Careers:

- Troubleshooting:** finding problems/how to fix them
- Equipment Maintenance:** keeping tools/machines working well
- Complex Problem Solving Installation:** installing new equipment
- Repairing:** repairing tools or equipment that have broken
- Quality Control Analysis:** making sure everything meets quality standards
- Systems Analysis:** determining how a system should work
- Time Management**

# Transportation, Distribution & Logistics Career Pathways

There are 7 Career Pathways in this cluster:

- **Transportation Operations** – Dispatcher, Traffic Manager, Pilot, Truck Driver
- **Logistics, Planning & Management Services** – Logistics Analyst, Logistics Manager
- **Warehousing & Distribution Center Operations** – Manager, Material Handler, Packer
- **Facility & Mobile Equipment Maintenance** – Mechanic, Avionics Technician, Auto Body Repairer.





# Transportation, Distribution & Logistics Career Pathways

- **Transportation Systems/Infrastructure Planning, Management & Regulation** – Transportation Inspector, Cargo Inspector, Traffic Engineer, Air Traffic Controller, Regional Planner
- **Health, Safety & Environmental Management** – Compliance Inspector, Environmental Technician, Health & Safety Manager
- **Sales & Service** – Vehicle Salesperson, Reservation Agent, Rental Clerk, Freight Agent.



# High school courses:

-Math and Science

-Electrical studies and Electronics

-Transportation/Distribution Courses

-Diesel/Automotive Technology-Knox High School

-Agriculture power, structure, and technology

-Industrial Machinery/Technology/Manufacturing-John Glenn/Plymouth

-Aviation-John Glenn/Plymouth High School

## Cluster: Transportation

## Career Pathway: Automotive Technology

Grade	English/ Language Arts	Math	Science	Health/Dig Cit. Phys. Education Social Studies	CTE/Career Preparation Courses For this Pathway	Other or Elective For this Pathway	Elective For this Pathway
9	English 9	Algebra I (C level avail.)	ICP or Biology	Health/Dig Cit	Intro to Engineering Design or Intro to Ag, Food & Nat. Res	Physical Education	Prep for College & Careers/
10	English 10	Geometry/ Algebra II (C level avail.)	Biology or Chemistry	US History	Principles of Engineering or Ag Power & Structures	/Personal Financial Respons.	World Language
11	English 11	Algebra II/ Geometry (C level avail.)	3 <sup>rd</sup> Core 40 Science	World History & Civilization	Automotive Service Technology I @ Knox		
12	English 12	Math or Quantitative Reasoning		US Government/ Economics (QR)	Automotive Service Technology II @ Knox		

Concurrent Enrollment Opportunities:

**Certification in NA3SA or ASE (Automotive Service Excellence)**

IVY Tech – Northcentral - Year one: AUTI 100 – Basic Automotive Service; AUTI 141 – Engine Fundamentals & Repair

Year two: AUTI 111 – Electrical Systems I; AUTI 121 - Brake Systems; AUTI 131 - Engine Performance Systems I



**Transportation,  
Distribution  
and Logistics**