

# NYC DOE Work-Based Learning Toolkit

# Automotive and Transportation in New York City

What is it? This sector encompasses air, sea, rail, road, sightseeing, and support services to transportation. It also includes the automotive repair services industry.

## **Key Sector Trends**

- There is a large amount of both public and private sector employment, especially in transit and ground transportation.
- Advanced self-service technologies have automated away many jobs, e.g. ticket agent, token booth attendant.
- Large sustainability component, with electric buses, hybrid vehicles, and other alternative fuels.
- Increasing need for mechanics, electronic and computer skills, and analytical skills in the sector.
- Many jobs require no more than a high school diploma plus technical skills.

# Employment Growth 2005 - 2015 0 50K 100K Transit and Ground Transportation Air Transportation Supportive Activities for Transportation 18K 2K Automotive Repair & Maintenance Truck Transportation Water Transportation 1 X 396

2005 = 2015 Growth

Employment growth. While each part of this sector has

grown since 2005, employment growth has been slower than the NYC economy as a whole. The greatest gains were in Transit and Ground Transportation, which now has almost 79,000 jobs. Air Transportation also gained 6,000 jobs.

### Top 3 Skills & Certifications

Good communication and customer service skills are important. Employers also look for troubleshooting, teamwork, and basic math skills.

General Skills	Specialized	Technology	Certifications
Communication Skills	Repair	Microsoft Excel	Automotive
Physical Demand	Inspection	Microsoft Office	Service
Organizational Skills	Vehicle Maintenance	Microsoft Word	Excellence (ASE) certifications

## 10 Most Commonly Advertised Sub-BA Jobs in NYC:



Adapted from material created by the NYC Labor Market Information Service, CUNY Graduate Center.