



AIRCRAFT MECHANIC TARGET OCCUPATION PROFILE

Aircraft Mechanics and Service Technicians

Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
1,513	8%	58	\$23	\$29	\$37	\$60,278

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 49-3011.

JOB DUTIES

- Routinely inspect, maintain, and repair aircraft components, including oxygen systems, fuel and electrical systems, landing gear, and seals/gaskets.
- Use precision measuring instruments to inspect parts for wear and tear.
- Replace worn or damaged parts.
- Document all maintenance.

Visit www.onetonline.com for more information about this occupation.

IS THIS JOB A GOOD FIT FOR ME?

Education	Requires at least two years of training at an FAA approved school ¹
Skills/Aptitude	Knowledge of equipment maintenance and repair needed, along with skills in troubleshooting, complex problem solving, and critical thinking.
Certifications	The Federal Aviation Administration (FAA) certifies all aircraft mechanics. ¹
Other Requirements	The job requires manual dexterity and agility for accessing and repairing hard to reach components. Aircraft mechanics often wear protective gear and are exposed to loud noises. A military background is attractive to employers.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

As aircraft mechanics gain experience, they may be promoted to crew chief or shop supervisor. One can also become an authorized aircraft inspector. Airlines often require mechanics to pass a test before being promoted.

WHERE CAN I GO TO GET TRAINING?

Visit www.chicagolandwiatraining.com to search for WIA-certified training providers in Cook County, based on occupation, program cost, location, completion rate, employment, and wages.

WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Airlines (Southwest, American), airports (Midway Airport, Worldwide Flight Services – operators of O’Hare Airport), support activities for air transportation (Prospect Airport Services)

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Aircraft technician, aircraft restorer, aviation maintenance technician

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¹ Search for FAA approved training programs in Illinois and find certification requirements here: <http://www.faa.gov/mechanics/become/basic/>



AUTO REPAIR TARGET OCCUPATION PROFILE

Automotive Body and Related Repairers Automotive Service Technicians and Mechanics

Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
2,767	8%	94	\$12	\$21	\$30	\$44,200
9,832	16%	414	\$9	\$17	\$31	\$38,600

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 49-3021 and -3023.

JOB DUTIES

Auto body repair

- Inspect damaged automobiles, prepare cost estimates, and plan the repairs.
- Smooth or fill out dents in the automobile body.
- Use metal cutting tools, welding equipment, and power grinders to remove damaged sections of vehicle, weld replacement parts into place, and smooth the seams.
- Use sanders and spray paint guns to prime and re-paint surfaces.

Visit www.onetonline.com for more information about these occupations.

Automotive service technicians

- Perform routine maintenance (tune ups, oil changes, etc.)
- Diagnose issues to be repaired based on information from the customer, test drives, and feedback from diagnostic devices.
- Follow checklists to guide examination of important vehicle systems and parts.
- Repair/replace brakes, belts, hoses, fuel systems, a/c and heating systems, electrical systems, etc.

IS THIS JOB A GOOD FIT FOR ME?

Education	Auto body repairers are often trained on the job. Opportunities exist for those with a high school diploma, but some employers prefer to hire those with a postsecondary degree or certificate.
Skills/Aptitude	Need to have mechanical and electronic knowledge and excel at complex problem solving.
Certifications	Certification is not required, but some employers prefer it. The National Institute for Automotive Service Excellence offers certification in various specialty areas (brakes, engines, suspension, etc.)
Other Requirements	The job requires manual dexterity, and often involves working in cramped areas or awkward positions. Workers may be exposed to fumes and chemicals, and wear protective gear.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Skilled and experienced auto body repairers can advance to shop supervisor, open their own shops, or work as damage appraisers for insurance companies. Automotive service technicians must gain at least two years of experience before becoming a journey-level mechanic. They can further specialize in one or more areas and become a master mechanic.

WHERE CAN I GO TO GET TRAINING?

Visit www.chicagolandwiatraining.com to search for WIA-certified training providers in Cook County, based on occupation, program cost, location, completion rate, employment, and wages.

WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Auto repair shops (Tower Automotive), auto body shops (Tech-Cor, Lincoln Body Shop), car dealerships, auto parts and accessories stores (Midway Truck Parts, Warehouse Tires)

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Auto body repair technician, automotive master mechanic, shop foreman, brake (or other specialty) technician

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BUS DRIVER

TARGET OCCUPATION PROFILE

Bus Drivers, Transit and Intercity
Bus Drivers, School or Special Client

Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
7,015	7%	184	\$10	\$22	\$29	\$42,500
9,546	19%	363	\$9	\$13	\$20	\$29,200

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 53-3021 and -3022.

JOB DUTIES

- Drive buses over specified routes according to time schedules.
- Comply with all traffic and passenger safety regulations.
- Collect passenger fares and handle passenger emergencies or disruptions.
- Assist elderly passengers or passengers with disabilities on and off the bus.
- Ensure vehicle's gas and oil levels, heating and cooling systems, wipers, brakes, etc. are in good working order before departure. Report any needed repairs.

Visit www.onetonline.com for more information about these occupations.

IS THIS JOB A GOOD FIT FOR ME?

Education	There are many opportunities for those with only a high school diploma and a CDL. However, some employees prefer to hire workers with previous bus or truck driving experience.
Skills/Aptitude	Need to be able to operate a vehicle safely. Should also have good customer service skills.
Certifications	Drivers of vehicles holding 16 or more passengers must have a Commercial Driver License. Additional endorsements for school bus or charter bus drivers are available. ¹
Other Requirements	Drivers must know the route and surrounding area and be able to sit for long periods of time. They must have at least 20/40 vision and 70 degree field of vision in each eye, and they cannot be colorblind. Drivers cannot have any criminal history involving drugs or motor vehicles.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Bus drivers with experience are “promoted” with better routes or better hours. They may also become supervisors or instructors. Some drivers may buy vehicles and open their own charter bus company.

WHERE CAN I GO TO GET TRAINING?

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WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Local government – transit agencies and/or school districts, school and employee bus transportation companies (Kickert School Bus Lines, Inc.), charter bus operators (Durham Transportation, Robinsan Bus Service)

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Bus/motor coach/transit/charter/shuttle driver or operator

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¹ CDLs and endorsements are issued by the State of Illinois, Secretary of State, Driver Services Division <http://www.cyberdriveillinois.com>



DIESEL MECHANIC TARGET OCCUPATION PROFILE

Bus and Truck Mechanics and Diesel Engine Specialists

Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
2,571	12%	87	\$13	\$22	\$34	\$47,600

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 49-3031.

JOB DUTIES

- Conduct regular maintenance on trucks, buses, and other large machinery, including oil changes and battery checks.
- Regularly inspect brake systems, steering systems, wheel bearings, etc.
- Inspect, test drive, and use gauges and diagnostic instruments to determine issues in need of repair.
- Use hydraulic jacks to raise vehicles in order to conduct inspections and make repairs.

Visit www.onetonline.com for more information about these occupations.

IS THIS JOB A GOOD FIT FOR ME?

Education	A high school diploma or GED is required, but some employers prefer to hire diesel mechanics who have completed a formal training program.
Skills/Aptitude	Must have mechanical knowledge, and be skilled at troubleshooting and problem solving.
Certifications	Certification is voluntary for diesel mechanics, but may be sought by some employers. ¹
Other Requirements	Bus and truck mechanics must be at least 18 years old and in good physical condition. Many belong to unions and have commercial driver's licenses.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Trainee mechanic is the first rung on the career ladder. After they gain skills, they become technicians making increasingly complex repairs, and to learn about the different component systems of the vehicles. After at least three years they can qualify as journey level mechanics. From there, they can become supervisors, move into sales, or open their own shops.

WHERE CAN I GO TO GET TRAINING?

Visit www.chicagolandwiatraining.com to search for WIA-certified training providers in Cook County, based on occupation, program cost, location, completion rate, employment, and wages.

WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Local government, trucking companies (YRC Worldwide, CH Robinson, New World Van Lines), auto repair shops (Tower Automotive)

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Mechanic, diesel technician, fleet mechanic, service technician

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¹ The Institute for Automotive Service Excellence (www.asecert.org) offers certifications for diesel mechanics.



SHIPPING & STOCK CLERK & DISPATCHER TARGET OCCUPATION PROFILE

**Dispatchers (Except Police, Fire, and Ambulance)
Shipping, Receiving, and Traffic Clerks
Cargo and Freight Agents**

Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
3,246	7%	612	\$12	\$19	\$34	\$42,800
12,179	<i>Expected decline</i>		\$9	\$14	\$22	\$30,800
4,159	20%		\$12	\$19	\$28	\$40,900

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 43-5032, 43-5071, and 43-5011.

JOB DUTIES

Dispatchers

- Use radios or telephones to receive work orders and dispatch workers or service vehicles.
- Monitor worker locations and advise about traffic problems or hazards.

Shipping Clerk

- Prepare and pack materials for shipping, and attach labels and postage.
- Determine shipping methods and rates.

- Keep track of shipments for recordkeeping/accounting purposes.

Cargo and freight agents

- Work with freight companies to arrange shipment of goods.
- Determine shipping costs, tariffs/fees and weights and prepare shipping documents (bills of lading, manifests, invoices, etc.)

Visit www.onetonline.com for more information about these occupations.

IS THIS JOB A GOOD FIT FOR ME?

Education	Training is generally done on the job, and there are opportunities for those with a high school diploma. However, available training ranges from several months long training programs in shipping and receiving to 2- or 4- year degrees in supply chain management.
Skills/Aptitude	Must have excellent customer service, clerical, and communication skills, and must be good at coordination and time management. Computer literacy is also needed.
Certifications	Certification is not required to obtain employment in these areas.
Other Requirements	Many of these workers must be able to see details at close range. These jobs often involve evening and weekend work. Dispatchers in particular must be familiar with the layout of the city or area.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Promotions in the form of higher wages and supervisory positions are available in these areas.

WHERE CAN I GO TO GET TRAINING?

Visit www.chicagolandwiatraining.com to search for WIA-certified training providers in Cook County, based on occupation, program cost, location, completion rate, employment, and wages.

WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Dispatchers: trucking companies (YRC, CH Robinson). *Shipping clerks*: express delivery services (UPS), warehouses (Iron Mountain). *Cargo and freight agents*: freight transportation arrangement companies (Alliance Shippers) or airlines.

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Shipping coordinator, international coordinator, freight broker, intermodal dispatcher, logistics coordinator.

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TRUCK DRIVER TARGET OCCUPATION PROFILE

Drivers/Sales Workers

Heavy and Tractor-Trailer Truck Drivers

Light Truck or Delivery Services Drivers

	Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
Drivers/Sales Workers	6,433	12%	207	\$9	\$13	\$26	\$31,200
Heavy and Tractor-Trailer Truck Drivers	22,833	13%	752	\$14	\$22	\$35	\$48,000
Light Truck or Delivery Services Drivers	13,978	3%	366	\$10	\$17	\$28	\$37,300

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 53-3031, -3032, and -3033.

JOB DUTIES

Driver/ sales worker: Pick up/deliver goods such as food, newspapers, or commercial laundry.

Light truck: Capacity < 26,000 lbs.

Heavy truck: Capacity > 26,000 lbs.

- Load and unload trucks. Verify inventory and secure cargo for transport.
- Maintain records of mileage and repairs, billing

statements, and hours. Obtain payment, receipts, or signatures for delivered goods.

- Inspect and maintain vehicle (check gas, oil, tires, lights, brakes, etc.).
- Drive trucks to weigh stations to document weights and to comply with regulations.

Visit www.onetonline.com for more information about these occupations.

IS THIS JOB A GOOD FIT FOR ME?

Education	Employers prefer applicants who have at least a high school diploma or GED.
Skills/Aptitude	Must be skilled in truck operation and maintenance, navigation systems, and vehicle safety.
Certifications	Drivers of vehicles more than 16,000 pounds (all heavy and some light truck drivers) must have a Class A, B, or C commercial driver's license. ¹
Other Requirements	Many employers require a drug test and a criminal background check, and some require a minimum age of 25 and an ability to lift 50 pounds. Local drivers usually return home in the evening, but long distance drivers may spend most of the year away from home.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Nearly 40% of current truck drivers are age 49 and over. The pending retirement of these workers will translate to a demand for new truck drivers. Truck drivers with experience may be "promoted" with higher wages or better routes/schedules. Some may purchase trucks and start their own business.

WHERE CAN I GO TO GET TRAINING?

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WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

Trucking companies (YRC Worldwide, CH Robinson, New World Van Lines), Express delivery services (UPS)

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Delivery driver, route driver, over the road driver (OTR Driver), line haul driver

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¹ Requirements for obtaining a CDL can be found here http://www.cyberdriveillinois.com/departments/drivers/drivers_license/CDL/cdl.html



WAREHOUSE WORKER TARGET OCCUPATION PROFILE

Industrial Truck and Tractor Operators

Laborers and Freight, Stock, and Material Movers, Hand

Packers and Packagers, Hand

	Jobs in 2012	Expected Growth by 2022	Yearly Openings	Entry Level Wage	Mid-Level Wage	Experienced Wage	Average Yearly Salary
Industrial Truck and Tractor Operators	9,900	9%	393	\$10	\$14	\$22	\$31,900
Laborers and Freight, Stock, and Material Movers, Hand	48,273	7%	1,973	\$9	\$11	\$18	\$26,000
Packers and Packagers, Hand	21,644	1%	733	\$9	\$9	\$15	\$22,600

Sources: EMSI 2012, O*NET, Illinois WorkNet, American Community Survey 2009-2011 for Cook Co. Category includes SOC 53-7051, -7062, and -7064.

JOB DUTIES

Industrial truck and tractor operator

- Operate gas or electric powered vehicles to load/unload materials from pallets or vehicles and transport materials around a facility.
- Maintain, clean, re-charge or re-fuel equipment as necessary.

Laborer

- Read work orders to determine assignments
- Sort cargo before loading and unloading, and record units moved.

Visit www.onetonline.com for more information about these occupations.

- Assemble product containers
 - Use hoisting devices or hands to load and unload cargo
- Packers*
- Load materials into package processing machines, removing defective materials
 - Ensure packing specifications are met and label containers

IS THIS JOB A GOOD FIT FOR ME?

Education	There are many opportunities for those with a High school diploma or GED.
Skills/Aptitude	These workers must be reliable and hard-working, and be skilled in inventory management and cargo handling.
Certifications	Forklift drivers must complete an OSHA safety course before operating machinery. Packers and freight movers are not required to have any certifications, but it may depend on the employer.
Other Requirements	Workers must unload and load heavy materials, and sometimes wear safety gear. Some employers require background checks and drug tests. Some workers join unions, and many others are employed through temporary placement firms.

ARE THERE OPPORTUNITIES FOR ADVANCEMENT?

Skilled warehouse workers can become supervisors, or get additional training and move on to jobs in manufacturing or transportation.

WHERE CAN I GO TO GET TRAINING?

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WHO ARE THE LARGEST EMPLOYERS IN THE INDUSTRY?

General warehousing companies, airlines, trucking companies, home centers (Home Depot), temporary help services.

WHAT OTHER JOB TITLES SHOULD I LOOK FOR IN HELP WANTED ADS?

Forklift driver, material handler, loader, receiving associate, line tender, stock replenisher, shipping clerk

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