



Explore a Career as an INSTALLER OR MAINTENANCE MECHANIC

Target Occupation Profile

What does an Installer or Maintenance Mechanic do?

Installers and maintenance mechanics do basic maintenance, repairs, and installations on machines. They can specialize and have titles such as HVAC mechanic and installer, industrial machinery mechanic, and electrical power-line installer and repairer. They clean and lubricate machinery, perform basic diagnostic tests, check the performance of the machine, and test damaged machine parts to determine whether major repairs are necessary. All installers and maintenance mechanics use a variety of tools to do repairs, installations, and preventive maintenance. For example, they may use a screwdriver or socket wrenches to adjust a motor's alignment or they might use a hoist to lift a heavy printing press off the ground.

Installers and Maintenance Mechanics are in demand in Cook County!

Cook County employment of installers and maintenance mechanics is expected to increase through 2020.

Training & Educational Opportunities

You will have plenty of employment opportunities as an installer or maintenance mechanic, but first you will have to earn a certificate. Installers and maintenance mechanics are instructed in subjects such as shop mathematics, blueprint reading, proper hand tools use, welding, electronics, and computer programming. After completing these and other courses, you will have the skills required to get a job as an installer or maintenance mechanic, and may need additional specialized certifications depending on the title you choose.

As a Installer or Maintenance Mechanic you will:

- Adjust and calibrate equipment and machinery to optimal specifications
- Install wiring, controls, and parts for proper operation
- Perform tests and run initial batches to make sure that the machine is running smoothly
- Read technical manuals to understand equipment and controls
- Repair or replace broken or malfunctioning components
- Use blueprints or design specifications to install or repair specialized systems

Installer or Maintenance Mechanic

Training Providers

There are many training providers available in Cook County to supply you with the training you need for a career as an installer or maintenance mechanic.

To access a list of training providers for these occupations and many more, please visit Illinoisworknet.com and select the 'Training and Credentials' menu option to view 'WIOA Approved Training Programs.'



Types of Employers

There are many types of employers looking to hire installers and maintenance mechanics in Cook County, including:

- Apparel knitting mills
- Electric lighting equipment manufacturers
- Iron and steel mills
- Motor vehicle parts manufacturers
- Utility companies



Wages & Openings

Installer and Maintenance Mechanic Employment Data for Cook County

Average Starting Hourly Wage	\$15.29
Average Hourly Wage With Experience	\$26.80
Average Annual Job Openings Cook County	327
Average Annual Job Openings Chicago Metro	492

*Source: Emsi, 2017.2

Opportunities

After you receive your certificate as an installer or maintenance mechanic, you will have many opportunities for advancement, including:

- HVAC System Designer
- Lead Installer
- Maintenance Manager
- Project Manager
- Shop Supervisor



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