



# Explore a Career as an **INDUSTRIAL ENGINEERING TECHNICIAN**

## **What do Industrial Engineering Technicians do?**

An industrial engineering technician assists in facilitating productivity, efficiency, and safety at businesses or manufacturing plants. Industrial engineering technicians' job descriptions are varied and may include many different responsibilities depending on the employer. The industrial engineering technician applies engineering techniques and principles for safety and efficiency for various industries and manufacturing facilities. They assist industrial engineers with implementing designs to use personnel, materials, and machines effectively. They also prepare machinery and equipment layouts, plan workflows, conduct statistical production studies, and analyze production costs.

## **Training & Educational Opportunities**

Industrial engineering technicians typically need an associate degree or a postsecondary certificate. Community colleges and technical institutes generally offer associate degree programs, and vocational schools offer certificate programs. Generally, prospective industrial engineering technicians should major in applied science, industrial technology, or industrial engineering technology.

## **As an Industrial Engineering Technician you will:**

- Collect data to assist in process improvement activities
- Confer with management or engineering staff to determine quality and reliability standards
- Interpret engineering drawings, schematic diagrams, and formulas used
- Prepare charts, graphs, and diagrams to illustrate workflow, routing, floor layout, materials handling, and machine use
- Recommend changes to production standards in order to achieve best quality within limits of capabilities of equipment

## **Industrial Engineering Technicians are in demand in Grundy County!**

Employment of industrial engineering technicians is projected to grow through 2020.

# Industrial Engineering Technician

## Training Provider

The following certified training provider offers programs and certifications to train for a career as an industrial engineering technician:

- Joliet Junior College

Career scholarships may be available if you qualify.



## Types of Employers

There are many types of employers looking to hire industrial engineering technicians in Grundy County, including:

- Engineering firms
- Environmental firms
- Healthcare facilities
- Manufacturing Facilities



## Wages & Openings

### Industrial Engineering Technician Employment Data for Grundy County

Average Starting Hourly Wage	Insf. Data
Average Hourly Wage With Experience	Insf. Data
Average Annual Job Openings Grundy County	~10
Average Annual Job Openings Chicago Metro	117

## Opportunities

After you receive your certificate or degree as an industrial engineering technician, you will have many opportunities for additional certification and specialization, including:

- Advanced Manufacturing Technician
- Industrial Engineer
- Quality Control Supervisor
- Quality Technician



**Grundy Workforce Services**  
[www.jjc.edu/grundy-workforce](http://www.jjc.edu/grundy-workforce)  
815.942.0566

