

# LEVEL UP YOUR LIFE LEVEL UP KANSAS

## CAREERS IN MANUFACTURING



**Manufacturing is critical to the Kansas economy, with a total output of over \$28 billion dollars annually.** The industry needs trained employees with a variety of skill sets, and with a wide range of options, it could be the ideal career for you! The best part? Getting the training could be **FREE!**

CAREER PATH	AVERAGE ANNUAL SALARY	AVERAGE HOURLY WAGE	ASSOCIATE DEGREE	1-2 YEAR CERTIFICATE	LESS THAN ONE YEAR CERTIFICATE
Automation Engineering Technician	\$58,346	\$28.05	✓	✓	✓
Manufacturing Technician	\$50,144	\$24.11	✓	✓	✓
Aerospace Mechanic	\$48,982	\$23.55	✓	✓	
Aerospace Paint Technician	\$49,920	\$24.00	✓	✓	
Biomanufacturing Technician	\$29,520	\$19.00			✓
Engineering Technician	\$57,226	\$27.51	✓	✓	
Computer Aided Drafter	\$52,582	\$25.28	✓	✓	
Welder	\$48,460	\$23.30	✓	✓	✓
Industrial Machine Mechanic	\$52,000	\$25.00		✓	✓

## LET'S DO THIS!

**SCHEDULE A CALL** with a Level Up Kansas Navigator who can walk you through program options and talk in details about free tuition opportunities.

# TOP KANSAS MANUFACTURING CAREERS

That require 2 years or less of training



This book highlights top manufacturing professional job opportunities, at various educational levels, from less than one year of training to the requirement of an associate's degree. Kansas manufacturers produce everything from fuselages to food and chemicals to electronics using the most advanced techniques and innovative materials.

Manufacturing may be a fit for you if you have technical or hands-on skills and prefer to work with tools and avoid desk work. People curious about mechanical systems and enjoy getting to the root of how things work will find this a rewarding industry. Due to labor shortages, manufacturers will continue to compete for workers with increased wages, benefits, and flexibility for scheduling. This puts the job candidate in a prime position to enter the manufacturing industry.

## **Kansas' biggest manufacturing industries are:**

- Food & Beverage Manufacturing
- Fabricated & Primary Metal Products Manufacturing
- Aerospace Manufacturing
- Machinery Manufacturing

Manufacturing is a high-demand field due to the growing use of artificial intelligence and automation in manufacturing, requiring a workforce with the skills and training to learn new technology and quickly adapt to new project needs.

✓ Education Requirements

✓ Average Salary

✓ Demand

✓ Job Openings

INFORMATION COURTESY OF:





# 1 YEAR OR LESS TRAINING OR APPRENTICESHIPS



- Machinist
- Industrial Machinery Mechanic
- Aerospace Technician
- Welder
- Wind Turbine Service Technician



# 1 YEAR OR LESS TRAINING OR APPRENTICESHIPS



## MACHINIST

**Average Salary: \$48,510**

**Education: Less than 1 year**

**Projected 2032 Employment: 333,300**

**Average Annual Job Openings: 32,600**

### Common Job Titles:

CNC Machinist, Gear Machinist, Machine Repair Person, Machinist, Maintenance Machinist, Manual Lathe Machinist, Production Machinist, and Tool Room Machinist

Machinists set up and operate a variety of machine tools to produce precision parts and instruments out of metal. Precision machinists fabricate, modify, or repair mechanical instruments or produce parts to make or repair machine tools and industrial machines. Machinists apply their knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.

## INDUSTRIAL MACHINE MECHANIC

**Average Salary: \$52,000**

**Education: Less than 1 year**

**Projected 2032 Employment: 462,000**

**Average Annual Job Openings: 39,200**

### Common Job Titles:

Industrial Machinery Mechanic, Industrial Mechanic, Loom Fixer, Loom Technician, Machine Adjuster, Machine Mechanic, Maintenance Technician, Mechanic, Overhauler, and Sewing Machine Mechanic

Industrial machinery mechanics repair, install, adjust, and maintain industrial production and processing machinery or refinery and pipeline distribution systems. They may also install, dismantle, or move machinery and heavy equipment according to plans and blueprints.

## AEROSPACE TECHNICIAN

**Average Salary: \$48,982**

**Education: Less than 1 year**

**Projected 2032 Employment: 28,800**

**Average Annual Job Openings: 2,800**

### Common Job Titles:

Aircraft Line Assembler, Assembly Riveter, Sheet Metal Mechanic, Structures Technician, Airframe and Powerplant Technician

Aerospace Technicians assemble, fit, fasten, and install parts of airplanes, space vehicles, or missiles, such as tails, wings, fuselage, bulkheads, stabilizers, landing gear, rigging and control equipment, or heating and ventilating systems.



# 1 YEAR OR LESS TRAINING OR APPRENTICESHIPS



## WIND TURBINE SERVICE TECHNICIAN

**Average Salary: \$57,320**

**Education: Less than 1 year**

**Projected 2032 Employment: 16,200**

**Average Annual Job Openings: 1,800**

### Common Job Titles:

Field Service Technician, Renewable Energy Technician, Service Technician, Troubleshooting Technician, Wind Farm Support Specialist, Wind Technician, Wind Turbine Operator, Wind Turbine Service Technician, and Wind Turbine Technician

Technicians inspect, diagnose, adjust, or repair wind turbines. They perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.



## WELDER

**Average Salary: \$48,460**

**Education: Less than 1 year**

**Projected 2032 Employment: 438,000**

**Average Annual Job Openings: 42,600**

### Common Job Titles:

Welder, Cutter, Solderer, Brazer, Fabrication Welder, MIG Welder, Maintenance Welder, Welder Fitter, and Wireer

Welders weld and join metal components using hand-welding, flame-cutting, hand-soldering, or brazing equipment to fill holes, indentations, or seams of fabricated metal products.





# 1-2 YEAR CERTIFICATE OR ASSOCIATES DEGREE TRAINING



- Manufacturing Technician
- Industrial Engineering Technician
- Computer Aided Drafter
- Automation Engineering Technicians
- Electrical Engineering Technician



## COMPUTER AIDED DRAFTER

**Average Salary: \$52,582**

**Education: Associate Degree**

**Projected 2032 Employment: 46,000**

**Average Annual Job Openings: 3,500**

### Common Job Titles:

CAD Designer, CAD Operator, Design Drafter, Mechanical Drafter, Drafting Technician, Product Designer, and Project Designer

Drafters prepare detailed working diagrams of machinery and mechanical devices including dimensions, fastening methods, and other engineering information.



## MANUFACTURING TECHNICIAN

**Average Salary: \$50,144**

**Education: Associate Degree or Certificate**

**Projected 2032 Employment: 1,664,400**

**Average Annual Job Openings: 152,400**

### Common Job Titles:

Maintenance Tech, HVAC Tech, Automotive Tech, Maintenance Engineer, Building Mechanic, Maintenance Specialist.

Technicians perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of a building in repair. Duties may include pipe fitting, HVAC maintenance, insulating, welding, machining, carpentry, repairing electrical or mechanical equipment, installing, aligning, and balancing new equipment, and repairing buildings, floors, or stairs.





# 1-2 YEAR CERTIFICATE OR ASSOCIATES DEGREE TRAINING



## INDUSTRIAL ENGINEERING TECHNICIAN

**Average Salary: \$57,226**

**Education: Associate Degree**

**Projected 2032 Employment: 71,300**

**Average Annual Job Openings: 6,500**

### Common Job Titles:

Business Process Analyst, Engineering Technician, Manufacturing Coordinator, Quality Control Engineering Technician, and Service Technician

Industrial Engineering Techs apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. They may perform time and motion studies on worker operations in various industries to establish standard production rates or improve efficiency.



## AUTOMATION ENGINEERING TECHNICIANS

**Average Salary: \$58,346**

**Education: Associate Degree**

**Projected 2032 Employment: 41,100**

**Average Annual Job Openings: 3,700**

### Common Job Titles:

Laboratory Technician, Research Technician

Automotive Engineering Technicians assist engineers in determining the practicality of proposed product design changes and plan and carry out tests on experimental test devices or equipment for performance, durability or efficiency.

## ELECTRICAL ENGINEERING TECHNICIAN

**Average Salary: \$57,226**

**Education: Associate Degree**

**Projected 2032 Employment: 103,300**

**Average Annual Job Openings: 9,900**

### Common Job Titles:

Communications Technologist, Electrical Engineering Technician, Electrical Technician, and System Technologist

Engineering Techs apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff to design, build, repair, adjust, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions.