



ASSEMBLE AN EXCITING  
FUTURE IN MANUFACTURING

# Industrial Production Technology

WASHBURN TECH  
UNIVERSITY

[MANUFACTURING]

Speed up your success with a career in the high-tech, fast-growing manufacturing industry. Use different technologies to set up, test and adjust advanced manufacturing machinery or equipment. Technology is moving the manufacturing industry quickly, so it is up to the industrial production technician to stay on schedule and ahead of trouble.

## LEARNING AT WASHBURN TECH

This program will prepare you to be a productive member of a manufacturing team. Instruction includes manufacturing processes and production, maintenance, safety and automation/ fluid power. You can finish by attending half-day for two semesters. Upon completion, you will earn a 30-credit-hour technical certificate and be prepared to take the Manufacturing Skills Standards Council (MSSC) certification exams as well as further your education in our Advanced Systems Technology program. **Please note, this program is offered at Topeka Correctional Facility (TCF). Numerous scholarship opportunities are available!**

## JOB AND SALARY OUTLOOK

Area manufacturers report being challenged to find enough workers for their operations. More opportunities are available to those with relevant education and training. The average salary for an entry-level installation, maintenance and

repair worker in Northeast Kansas is \$17.67 an hour or \$36,755 annually, according to the Kansas Department of Labor. The average salary is \$26 an hour or \$54,087 annually.

## ENTRY REQUIREMENTS

For dual-credit high school students submission of an application, official partial transcript, and consent to enroll form are required. Adult students must complete an application and submit an official copy of all transcripts. Please see an admissions counselor for details.

## CERTIFICATIONS

- + MSSC Certification
- + OSHA-10

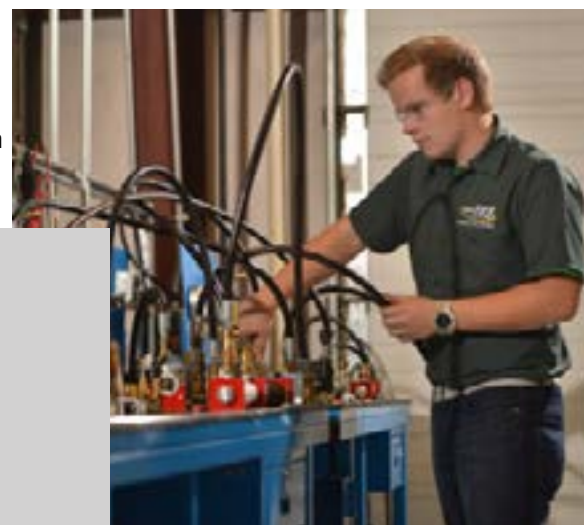
## Build your best self.

TALK TO AN ADMISSIONS  
COUNSELOR TODAY!

785.670.2200

## CAREERS IN MANUFACTURING »

- + industrial maintenance
- + food production
- + machinist
- + distribution facility
- + educator
- + logistics specialist
- + welder
- + line supervisor



# Industrial Production Technology

## COURSE DESCRIPTIONS

### OSHA-10

Focuses on job/site safety and precautions

### SAFETY IN MANUFACTURING PRODUCTION

Provides an overview of the Occupational Safety and Health Administration General Industry Designated Training Topics and offers entry-level general industry workers a broad awareness of recognizing and preventing hazards in a general industrial setting

### QUALITY PRACTICES & MEASUREMENT

Provides basic quality practices and measurements that will enable the student to produce high quality products

### MANUFACTURING PROCESSES & PRODUCTION

Identification of skills necessary to have a successful career; topics include listening skills, oral communication, human relations, decision making/problem solving, how to work as a team and resource management

### MAINTENANCE TRAINING

Due to the importance of preventive maintenance and production housekeeping, learn how to monitor production equipment for both routine and preventative maintenance

### FORKLIFT OPERATIONS

Gain the knowledge and skills to operate a forklift in a safe and professional manner

### WORKPLACE SKILLS

Study human relations in today's workplace

### BASIC ELECTRICITY I

Introduction to electricity; basic electrical components and their characteristics, circuit schematics and analysis

### TECHNICAL MATH II

Covers concepts that build on problem-solving skills using geometry, algebraic expressions and techniques

### MECHANICAL SYSTEMS I

Covers mechanical energy transmission concepts

### FLUID POWER I

Provides fundamentals of pneumatics, air compressors, control valves, pneumatic cylinders

### FLUID POWER II

Focuses on hydrodynamics, hydraulic principles, hydraulic circuitry and diagrams, piping and valves



## APPLICATION CHECKLIST



**SUBMIT  
APPLICATION**



**MEET WITH  
ADMISSIONS**



**SUBMIT  
TRANSCRIPT(S)**



**ENROLL IN  
CLASSES**

## 2025-2026 PROGRAM COSTS (Estimated) Numerous scholarships are available.

	HIGH SCHOOL	ADULT
Tuition	*\$825	\$4,950
All other fees	\$1,020	\$1,695
<b>TOTAL</b>	<b>\$1,845</b>	<b>\$6,645</b>

\*Tiered courses are paid by Excel in CTE. Non-tiered courses are paid by the student.

## ADDITIONAL CHARGES (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$0	\$0

## MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions.

**CALL 785.670.2200**

**TO TALK W/ ADMISSIONS COUNSELOR**