



ASSEMBLE AN EXCITING
FUTURE IN MANUFACTURING

Industrial Production Technology

[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 Washburn Tech East at 2014 SE Washington St. in Topeka. 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 \$16.33 an hour or \$34,599 annually, according to the Kansas Department of Labor. The average salary is \$21.54 an hour or \$44,796 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



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

2024-2025 PROGRAM COSTS (Estimated) Numerous scholarships are available.

	HIGH SCHOOL	ADULT
Tuition	*\$925	\$4,740
All other fees	\$882	\$1,692
TOTAL	\$1,807	\$6,432

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

ADDITIONAL CHARGES (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$477	\$477

MORE INFO »

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

CALL **785.670.2200**

TO TALK W/ ADMISSIONS COUNSELOR