



Advanced manufacturing is enjoying a renaissance of epic proportions, fueled by a resurgence of American-made sentiment and the recent re-shoring of jobs to the U.S.

As a graduate of Manufacturing Technologies, you will be poised to meet the growing and vital demand for highly skilled and educated employees in a variety of industries.

OSU Institute of Technology offers one of the industry's premier manufacturing technologies programs featuring:

- Faculty with extensive industry experience
- Low student-to-teacher ratios
- Cutting-edge machinery

APPLIED LEARNING

The Manufacturing Technologies program teaches participants problem solving and process improvement skills. Students also experience the complete manufacturing cycle from design and prototype to production and verification. Paid internships are part of the program curriculum so students can begin earning in their career field even before graduating.

FROM CLASSROOM TO CAREER

After earning an Associate in Applied Science degree in Manufacturing Technologies, graduates have a wide variety of career possibilities to choose from including CNC machine operator, fixture designer, machine tool tester, plastics fabricator, operations manager, and manufacturing engineer.

THE OSUIT DIFFERENCE

OSU Institute of Technology is unlike any other university in the state by utilizing industry-savvy faculty, state-of-the-art equipment and strong industry connections. Students develop talents and skills in high-demand professions in the state, region and country.

By gaining hands-on experience in real-world environments, OSUIT graduates are better prepared and ready to tackle the opportunities and challenges ahead of them in this critical industry.

“ The manufacturing industry has exploded into a highly automated technical field. The workforce need for technicians that can perform in this challenging field is at an all-time high. ”

— Ken Milliman
Retired Manufacturing Technician
With 30 Years Experience

MANUFACTURING TECHNOLOGIES (AAS)

FINANCIAL ASSISTANCE

Financial aid is available for those who qualify. Staff is available to assist you with accessing federal, state and institutional aid as well as scholarships and sponsorships.

To apply for financial aid, you can apply online at fafsa.gov. For institutional scholarships, visit our online application website at osuit.edu/scholarships.

COURSES & REQUIREMENTS

DEPARTMENT: 46 credit hours

ETD 1101 Safety Applications
ETDG 1143 Introduction to Design/Drafting
ETDG 2423 SolidWorks
ETDM 1153 Introduction to Manufacturing
ETDM 1333 CNC Manufacturing Processes & Fixtures
ETDM 1343 CNC Machine Programming
ETDM 1353 CNC Machine Operation
ETDM 1413 Conventional Manufacturing Processes & Tooling
ETDM 2203 Automated Manufacturing Techniques
ETDM 2123 Applied Manufacturing Processes
ETDM 2423 Quality Systems & Practices
ETDM 2463 CAM Applications
ETDM 2112 Manufacturing Internship

GENERAL EDUCATION REQUIREMENTS: 18 credit hours

Communication Arts: 6 credit hours

ENGL 1113 English Composition I
ENGL 1213 English Composition II

Mathematics: 3 credit hours

MATH 1513 College Algebra

Philosophy: 3 credit hours

PHIL 1213 Ethics

Social Science: 6 credit hours

HIST 1483 U.S. History to 1865 or
HIST 1493 U.S. History Since 1865 and
POLS 1113 U.S. Government

ADDITIONAL PROGRAM REQUIREMENTS: 10 credit hours

Oral Communications: 3 credit hours

SPCH 1113 Introduction to Speech Communications or
SPCH 2313 Small Group Communications

Mathematics: 3 credit hours

MATH 1613 Trigonometry

Science: 4 credit hours

PHYS I 1114 General Physics I

INTERDEPARTMENTAL REQUIREMENTS: 1 credit hour

ORIE 1101 College Strategies



► NEARLY 100% OF OUR STUDENTS GET JOBS
WITHIN THE FIRST 3 MONTHS OF GRADUATING

► SALARY RANGE OF GRADUATES:
\$17/HR - \$22/HR

► SOME OF THE COMPANIES THAT HIRE
OSUIT GRADUATES:
RAE Corp. | Orchids Paper | HEM Saw



INSTITUTE OF TECHNOLOGY
MidAmerica Industrial Park