AUTOMATION & ROBOTICS
CAREER PATHWAY

The Ohio Manufacturers' ASSOCIATION **OhioTechNet**

$41,850
MANUFACTURING ASSOCIATE

High School Diploma/GED, some technical training, & industry recognized credentials

Job requirements include:

Practice and demonstrate knowledge of essential safety skills

•

Understand variety of manufacturing processes, including gear drivers, machine tooling and operations, production planning, workflow and control

•

Knowledge of quality systems and continuous improvement practices

•

Execute basic and precise measurement methods and tools

High School Diploma, Technical Training, Manufacturing Foundations Certificate, Short-term Earn and Learn

$48,796
ROBOTICS OPERATOR

Job requirements include:

Demonstrates knowledge of safety procedures and features

•

Locate and explain the function of robot components

•

Work with teach pendants and operation screens

•

Address a variety of error or alarm messages using standard procedures

•

Basic knowledge of PLC's (programmable logic control)

$51,158
ROBOTICS TECHNICIAN

Job requirements include:

Troubleshoot, maintain, and repair robots or related equipment

•

Install and troubleshoot programmable logic controllers (PLC's)

•

Align, fit and assemble components

•

Use hand tools, power tools, mechanical fasteners, and lubrication materials

•

Use fundamental, applied math, including algebra, measurements, geometry, and trigonometry

Vocational training, or on-the- job training with industry recognized technical credentials or an Associate Degree

$65,977
ROBOTICS SPECIALIST

Job requirements include:

Install, align, troubleshoot, and maintain robotics systems

•

Interpret, measure, install, adjust, troubleshoot, and repair or replace components of electrical systems

•

Program and maintain PLC's Program advanced robotics and vision systems

•

Use augmented reality to troubleshoot

$65,977
ROBOTICS TECHNOLOGIST

Job requirements include:

Robotics Specialist skills

•

Practice predictive maintenance: use and analyze data provided by the system to anticipate and correct problems

•

Understand procedures for identifying and managing hazards (risk assessment), including examining the work environment to identify processes and procedures all employees must follow

Associate Degree with continued upskilling towards Bachelor's, additional industry recognized technical credentials and on-the-job training

$87,921
ROBOTICS INTEGRATOR

Job requirements include:

CNC Programmer skills

•

Develop features of augmented and virtual reality technologies to enhance automated/ robotic work environments

•

Conduct inspections and quality assurance to prevent mistakes and defects in manufacturing products

•

Integrate PLC's with robots

$87,921
ROBOTICS ENGINEER

Job requirements include:

Robotics Integrator skills

•

Design, simulate and model systems to standardize quality robot development processes

•

Use concepts of interoperability in practice

•

Apply and integrate different components of Industry 4.0 to complete a system

Bachelor's degree in engineering/technology plus work experience, on-the-job training with embedded industry recognized technical credentials