

ROBOTICS ENGINEERING



Study at: **MEADOWDALE**

**Entry-level
pay in Ohio
\$14-28
per hour**

Career Pathways

*Additional education may be required

- Systems Operator
- Mechanical Engineer
- CNC Programmer
- Robotics Technician
- Maintenance and Repair Work

Opportunities

Credentials

FANUC Handling, Tool Operation & Programming
Motoman Basic Programming w/ Material Handling
Allen Bradley/Rockwell Automation PLC
FANUC Certified CNC Machining Center
SolidWorks Associate

Work-Based Learning

Job Placement
CTSO Competitions

College Credits

Earn up to 9 credits through
Sinclair Community College

Courses:



**Grade
10**

- Manufacturing Operations



**Grade
11**

- Industrial Robotics
- Industrial Maintenance



**Grade
12**

- CNC
- Capstone

Essential Skills

- Written communication
- Oral communication
- Safety awareness
- Physical strength/mobility
- Finger/Hand dexterity
- Visual acuity
- Reasoning skills

Dayton Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age for participation in any program or activity. Lack of English language proficiency will not be a barrier to admission and participation in career-technical education programs.

Academic Skills

Applied Mathematics

- Use engineering type formulas
- Read/understand mathematical symbols
- Use algebraic formulas (Ohm's Law)



Workplace Documents

- Read/understand technical manuals
- Read/use engineering terminology
- Work with troubleshoot