



MANUFACTURING TECHNOLOGIES

Advanced Manufacturing

Students will master skills in manufacturing operations and machine tools including cutting, drilling, grinding, turning, milling and 3D printing. Learn to operate manual and computer numerical control (CNC) machines. Use engineering processes from design to fabrication. Introduction to automation including collaborative robotics and programmable logic control (PLC).

Academic Options: Technology

Student Organization Opportunities: Skills USA



WATCH

View our advanced manufacturing program video



PLAN YOUR CAREER

See education, training, wage, and outlook information for related jobs



EARN

Industry Credentials:

- OSHA 10
- Autodesk Inventor (CAD/CAM)
- Autodesk Inventor Certified User Certification
- Universal Robotics,
- NIMS Mill and Lathe

College Credit:

College credits available through articulation agreements with Columbus State Community College and through Career-Technical Assurance Guide (CTAGs)

CONTACT

Robert Ewing, Instructor
rewing@columbus.k12.oh.us

Stacey Thompson, Counselor
sthompson@columbus.k12.oh.us