



# TOOL & DIE MAKERS

Analyze specifications, lay out metal stock, set up and operate machine tools, and fit and assemble parts to make and repair dies, cutting tools, jigs, fixtures, gauges, and machinists' hand tools.

## EDUCATION & SKILLS

- High school equivalency
- Certification
- Associate's degree
- First to mid-level position with upward mobility
- CAD/CAM software
- Mechanical knowledge
- Mathematics

## GENERAL TASKS

- Read blueprints or computer-aided design (CAD) files
- Align, secure, and adjust cutting tools and workpieces
- Measure, examine and test completed products for defects
- Present finished workpieces to customers

## LEVEL UP

### BUILD YOUR SKILLS

In partnership with industry experts, NTMA developed NTMA-U, a fully online program of modules developed for precision machining and related occupations.

Key features include:

- Available anytime, anywhere
- Narrated modules with practice problems and assessments
- Content covers NIMS competencies, paired with resources
- College credit-earning potential with the University of Akron
- Federal Bureau of Apprenticeship Training approved

Help fill the manufacturing pipeline by investing in the right training, purpose-built for the precision machining industry.



[ntma.org/initiatives/education](https://ntma.org/initiatives/education)

**\$56K**  
Average Salary  
(\$27.16/hour)

**7%**  
Increase in Jobs  
by 2030



Premier Partner

