INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION PATHWAY

MACHINIST CAREER LADDER

The manufacturing industry employs the majority of setters, operators, and tenders. Those who work with metal and plastic work in areas that are clean, well-lit, and well-ventilated. These workers operate powerful, high-speed machines that can be dangerous if strict safety rules are not observed. Working conditions will depend on the employer.

Tool Setters, Setup Operators, or Tenders can climb the career ladder and go on to become Machinist, Computer Control Machine Tool Operators, Tool & Die Makers, or Numerical Control Programmers. Occupations with similar skills - Machinery Maintenance Worker, Assembler or Fabricator, Welder or Cutter, Tool Grinder, Filer, or Sharpener.

NUMERICAL CONTROL PROGRAMMER I

$42,161 - $51,563/yr

Education
Associates degree or higher.

Skills
Advanced math, critical thinking, programming, operation and control, near vision, complex problem solving, and creativity

2+ YEARS EXPERIENCE

MACHINIST I

$26,624 - $45,156/yr

Education
HS/GED/Associates degree and/or OJT

Skills
Mechanical aptitude, good manual dexterity, visual acuity, and selective attention.

1-3 YEARS EXPERIENCE

COMPUTER CONTROL MACHINE TOOL OPERATOR

$26,807 - $40,476/yr

Education
HS/GED or higher and/or OJT

Skills
Good math, reading and writing comprehension, manual dexterity, deductive reasoning, and quick reflexes.

MULTIPLE MACHINE TOOL SETTER/SETUP OPERATOR/TENDER-ENTRY

$26,416 - $42,889/yr

Education
HS/GED

Skills
Analytical abilities, strong math, mechanical aptitude, good manual dexterity, good communication & interpersonal skills.

0-2 YEARS EXPERIENCE

TOOL & DIE MAKER I

$37,065 - $43,227/yr

Education
HS/GED and/or apprenticeship or formal specialty training.

Skills
Math, complex problem solving skills, critical thinking skills, and good coordination.

APPRENTICESHIP

CNC MACHINIST TECHNICAL CERTIFICATE

Data Source: EMSI (Dade-Broward-Palm Beach MSA) | 2016-2026 projection

These are general examples of positions that might be found in this career track. Actual positions and salaries will vary depending on the industry and individual company.