

M-CAM CAREER PATHWAYS CNC/Machining

Industry Cluster: Manufacturing



GETTING STARTED

Each college has its own **entrance requirements**. Click on the links below to learn more:

[Bay College](#)

[Kellogg Community College](#)

[Lansing Community College](#)

[Mott Community College](#)

[Grand Rapids Community College](#)

[Lake Michigan College](#)

[Macomb Community College](#)

[Schoolcraft College](#)

Customized/contract training is available through campus Workforce Centers for incumbent workers to support skills upgrading in machining-related occupations.

SAMPLE OCCUPATIONS

- **CNC Operator**
Wage Range: \$10.04 - \$24.78/hr
- **CNC Machinist**
Wage Range: \$11.09 - \$29.26/hr

SHORT-TERM TRAINING (NON-CREDIT)

- **GRCC: CPT Pathways to Success**
- **Mott: Machinist Training** [pdf]
- **Schoolcraft: CNC Operator Training Level I**
- **Schoolcraft: CNC Operator Training Level II**

SHORT-TERM TRAINING WITH CREDIT ARTICULATION

- **GRCC: Machining Job Training Program** (13 Credits)
- **Kellogg: Kellogg Advanced Manufacturing Assembly Training - KAMA** (8.74 Credits)
- **Macomb: CNC Basic Operator** (9 Credits)

SAMPLE OCCUPATIONS

- **Production Helper**
Wage Range: \$8.31 - \$18.36/hr
- **CNC Machine Operator**
Wage Range: \$11.55 - \$20.86/hr

SAMPLE OCCUPATIONS

- **Mold Maker**
Wage Range: \$12.18 - \$17.20/hr
- **Machine Operator**
Wage Range: \$12.67 - \$20.78/hr

CREDIT CERTIFICATES

- **GRCC: Tooling & Manufacturing Technology** (31 Credits)
- **Kellogg: Industrial Machining Technology** [pdf] (30 Credits)
- **LMC: Machine Tool Level 1** (15 Credits)
- **LMC: Machine Tool Technology** (36 Credits)
- **Lansing: CNC Technician** (17 Credits)
- **Lansing: Manufacturing Engineering Technology** (18 Credits)
- **Lansing: Machine Tool Technology** (35 Credits)
- **Lansing: Manufacturing Engineering Technology** (36 Credits)
- **Macomb: CNC Machinist** (31 Credits)
- **Macomb: CAM Technologist** (33 Credits)
- **Mott: Machine Tool Technology** (30 Credits)
- **Schoolcraft: Advanced Manufacturing Skills** (18 Credits)
- **Schoolcraft: Advanced Manufacturing** (31 Credits)

CERTIFICATIONS OFFERED

- **National Institute for Metalworking Skills (NIMS)**
 - **GRCC**
 - **Kellogg**
 - **Macomb**
 - **Mott**
 - **Schoolcraft**
- **MSSC - CPT** (Certified Production Technician)
 - **GRCC**
 - **Mott**
- **OSHA 30**
 - **Mott**
 - **Schoolcraft**

SAMPLE OCCUPATIONS

- **Machinist**
Wage Range: \$14.20 - \$23.52/hr
- **CNC Programmer**
Wage Range: \$19.12 - \$27.26/hr
- **Tool & Die Maker**
Wage Range: \$19.67 - \$31.27hr

ASSOCIATE OF APPLIED SCIENCE

- **GRCC: Tooling & Manufacturing Technology AAS** (62 Credits)
- **Kellogg: Industrial Machining Technology AAS** [pdf] (62 Credits)
- **LMC: Machine Tool Technology AAS** (61 Credits)
- **Lansing: Industrial Manufacturing Engineering Technology AAS** (64 Credits)
- **Lansing: Manufacturing Engineering Technology AAS** (65 Credits)
- **Macomb: Manufacturing Technology AAS** (62 Credits)
- **Mott: Mechanical Occupations Technology AAS** (62-64 Credits)
- **Schoolcraft: Advanced Manufacturing AAS** (61-67 Credits)

SAMPLE OCCUPATIONS

- **Industrial Engineering Technician**
Wage Range: \$15.49 - \$36/hr
- **Machine Builder**
Wage Range: \$17.95 - \$27.76/hr
- **CNC Programmer**
Wage Range: \$19.12 - \$27.26/hr
- **Manufacturing Engineer**
Wage Range: \$22.27 - \$65/hr

FOUR-YEAR DEGREE(S)

Check college and university **transfer information** by clicking these links:

[Bay College](#)

[Kellogg Community College](#)

[Lansing Community College](#)

[Mott Community College](#)

[Grand Rapids Community College](#)

[Lake Michigan College](#)

[Macomb Community College](#)

[Schoolcraft College](#)

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