

M-CAM CAREER PATHWAYS Welding

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 welding-related occupations.

SAMPLE OCCUPATIONS

- **Production Helper**
- **Welding Assistant**
Wage Range: \$8.31 - \$18.36/hr
- **Welder, Solderer, Brazer**
Wage Range: \$11.56 - \$26.28/hr

SHORT-TERM TRAINING (NON-CREDIT)

- **Bay:** Welding Training
- **GRCC:** CPT Pathways to Success
- **LMC:** [Welding Basics](#)
- **LMC:** [Welding Basics MIG/TIG](#)
- **Lansing:** Welding Exploratory
- **Lansing:** MIG Welding with Certification
- **Mott:** Welding Training
- **Schoolcraft:** [Welding Basics](#) [pdf]

SHORT-TERM TRAINING WITH CREDIT ARTICULATION

- **GRCC:** [Welding Job Training Program](#) (12 Credits)
- **Kellogg:** [Kellogg Advanced Manufacturing Assembly Training - KAMA](#) (8.74 Credits)
- **Lansing:** Welding Basics (2 Credits)
- **Macomb:** [Welding Fundamentals](#) (11 Credits)

SAMPLE OCCUPATIONS

- **MIG/TIG Welder, ARC Welder**
Wage Range: \$11.56 - \$26.28/hr

SAMPLE OCCUPATIONS

- **Team Assembler**
Wage Range: \$9.11 - \$26.84/hr
- **Fabricator**
Wage Range: \$10.19 - \$26.11/hr
- **MIG/TIG Welder, Welding Technician**
Wage Range: \$11.56 - \$26.28/hr

CREDIT CERTIFICATES

- **Bay:** [Welding](#) (33 Credits)
- **GRCC:** [Welding Technology](#) (30 Credits)
- **Kellogg:** [Industrial Welding](#) [pdf] (25 Credits)
- **LMC:** [Welding Production Technology Level 1](#) (17 Credits)
- **Lansing:** [Welding](#) (18 Credits)
- **Lansing:** [Welding](#) (31 Credits)
- **Macomb:** [Basic Welding](#) (21 Credits)
- **Macomb:** [Advanced Welding](#) (21 Credits)
- **Mott:** [Welding](#) (30-31 Credits)
- **Schoolcraft:** [Welding Pre-Apprenticeship](#) (24 Credits)
- **Schoolcraft:** [Fabrication](#) (32-33 Credits)

CERTIFICATIONS OFFERED

- **American Welding Society (AWS) Welding**
 - **Bay**
 - **GRCC**
 - **Kellogg**
 - **Lansing**
 - **Macomb**
 - **Mott**
 - **Schoolcraft**
- **MSSC - CPT** (Certified Production Technician)
 - **GRCC**
 - **Lansing**
 - **Mott**
- **OSHA 30**
 - **Mott**
 - **Schoolcraft**

SAMPLE OCCUPATIONS

- **Welder**
Wage Range: \$11.56 - \$26.28/hr
- **Pipe Fitter**
Wage Range: \$14.27 - \$38.61/hr

ASSOCIATE OF APPLIED SCIENCE

- **Bay:** [Welding Technology AAS](#) [pdf] (75 Credits, offered through Ferris State University)
- **GRCC:** [Welding Technology AAS](#) (62 Credits)
- **Kellogg:** [Industrial Welding AAS](#) [pdf] (62 Credits)
- **LMC:** [Welding Production Technology AAS](#) (61 Credits)
- **Lansing:** [Welding AAS](#) (61 Credits)
- **Macomb:** [Manufacturing Technology AAS](#) (62 Credits)
- **Mott:** [Welding AAS - In Development](#) (62-64 Credits)
- **Schoolcraft:** [Welding: Joining Technology AAS](#) (64-67 Credits)

SAMPLE OCCUPATIONS

- **Industrial Engineering Technician**
Wage Range: \$15.49 - \$36/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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