



## Mold Maker Apprentice

Sets up and operates all conventional, special-purpose, and numerical control (NC) machines to fabricate metallic parts. Lays out, machines, fits, assembles, and finishes metal parts to make and repair plastic injection molds.

### Responsibilities

- Studies blueprints, sketches, manuals, specifications, or sample part to determine dimension and tolerances of finished work piece.
- Plans sequence of operations and setup requirements by visualizing shape of molds in reverse of product.
- Measures, marks, scribes dimensions and reference points on materials or work piece as guides for subsequent machining.
- Computing dimensions, plans layout, and determines assembly method.
- Setup and operate machine tools, such as lathe, milling machine, and grinders, to machine parts to specifications, and verifies conformance of machined parts to specifications.  
Fits and assembles parts into complete mold assemblies using hand tools.



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### Your Profile:

- Enroll in the Apprenticeship Program at Macomb Community College for 4 years.
  - . On-the-Job training: 8000 hours
  - . Related Instruction: 624 hours
- Ability to stand, walk, push, pull, reach overhead, and bend to the floor
- Ability to perform work accurately, paying particular attention to the minute details of a project or task
- Ability to monitor machine sounds to identify and diagnose changes in order to take appropriate action
- Ability to exert 25 to 50 pounds of force frequently

### Reports to:

- Tool Manager

### Location:

- St. Clair, Michigan

Please send your complete application documents to Mr. Calvin Spears

[calvin.spears@normagroup.com](mailto:calvin.spears@normagroup.com).

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