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| C:\Users\mgardner3\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\YR1SR102\StateFairBW Logo.jpg | **Machinist Level 1****Skills Certificate****MACH 106** **Instructional Materials**  | C:\Users\mgardner3\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\YR1SR102\MoManufacturing Logo.PNG |

**MoManufacturingWINs**

**Instructional Materials**

Please list your instructional materials and resources; i.e., readings, websites, ancillary materials and major laboratory tools and equipment. SMEs will be looking for evidence that the program/course is linked to current industry standards and certifications and is enhanced, as possible, with online or technology-enabled learning. (Please see STLCC example.)

**Readings:**

**TEXTBOOK:** CNC Machining Fundamentals and Applications

Author: Richard Gizelbach

ISBN: 9781590707906

**WORKBOOK:** Haas Programming workbook (campus print)

**LAB TOOLS:**

NIMS ENROLLMENT (One-time fee) (On-line registration) $40

NIMS EXAM (On-line) $28

CALCULATOR capable of performing Trigonometry functions

SAFETY GLASSES (Campus Store) $2.25

TOOL KIT (Campus Store) $375

**Additional Instructional Materials:**

Blackboard (sfccmo.blackboard.com)

Tooling “U” [www.toolingu.com](http://www.toolingu.com)

**Laboratory/Learning Activity Tools/Equipment:**

Haas VF3 CNC Machining Center

Haas TL1 CNC Turning Center

Haas CNC Machine Simulator



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