The Computer Integrated Machining course of study is designed to prepare the interested student for varied manufacturing opportunities. The demands for the highly skilled craftsman are many. From the Machine Operator to the Toolmaker, from the Computer Numerical Control (CNC) Operator to the CNC Programmer, all start with the experience and training found in our complete precision machining lab.

The program is nationally certified with the National Institute for Metalworking Skills (NIMS). It emphasizes the safe and proper operation of metalworking machine tools such as lathes, milling machines, precision grinders, and drill presses. The course also includes an introduction to layout and blueprint reading and instruction in computer numerical control (CNC) machining.

What you will learn:
- Lathes
- Milling machines
- Precision grinders
- Drill presses
- Introduction to layout and blueprint reading
- Instruction in computer numerical control (CNC) machining

Physical criteria:
- Manual dexterity
- Strong eye/hand coordination
- Fine motor skills
- Standing for hours in one position

Students in this program have the opportunity to earn various certifications through the National Institute for Metalworking Skills.

Uniform/equipment list:
(With approximate costs)
- Safety Shoes ($40)
- Safety glasses ($10)
- Workbook ($24)
- 2” white binder, dividers, sheet protectors
- Activity Fee ($20)

Class of 2019 graduation plans:
- 66% will be working in this field
- 33% will be continuing their education in this field

Potential Career Opportunities include:
Automotive Machinist, CNC Operator, General Machinist, Machine Operator, Maintenance Machinist, Marine Machinist, Production Machinist

Potential Career Opportunities with Post-Secondary Education include:
Apprentice Machinist, Apprentice Toolmaker, Apprentice Tool & Die Maker, CNC Programmer, CNC Technician, Manufacturing Engineer