

## CNC Course Outline

### Erie 1 BOCES Workforce Development

Course Length – 12 Weeks (200 hours)

#### Part 1

16 Hours (8 Class, 8 Lab)

- Shop Safety
- Tool and Machine Intro
- Intro to measuring (precision)

#### Part 2

16 Hours (16 Class)

- Print Reading
- Shop Math
- Process Development

#### Part 3

16 Hours (16 Lab)

- Manual Mill-Setup and Use
- Manual Lathe-Setup and Use

#### Part 4

48 Hours (48 Class)

- CNC Lathe Setup and Operation

#### Part 5

48 Hours (48 Class)

- CNC Mill Setup and Operation

#### Part 6

56 Hours (56 Lab)

- Individual Projects
  - Manual Lathe
  - Manual Mill
  - CNC Lathe
  - CNC Mill