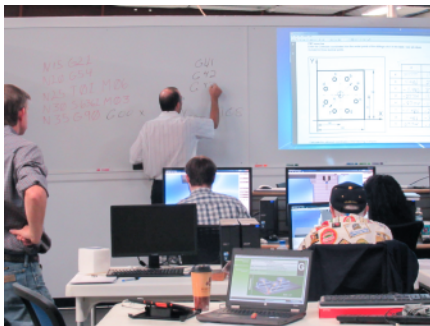
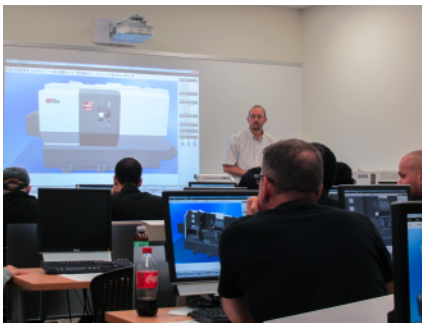




## Advanced Manufacturing Production Specialist: Level 2 (AMPS2)



The Advanced Manufacturing Production Specialist courses were created to fill the current and future skills gap in the manufacturing industry. After completing the program, an AMPS Level 2 student should have enough knowledge about the multi-step processes involved in manufacturing that are beyond the scope of typical machine operators. AMPS Level 2 adds to the foundation built by our AMPS Level 1 program by covering advanced CNC programming skills and CAD/CAM skills. An AMPS Level 2 student should have successfully completed the AMPS Level 1 program or pass the assessment test that an AMPS Level 1 student would take at the end of the program. Students can focus on either the Turning or Milling section, or they can complete both sections.

### What to Expect:

- 8 hours of online, instructor-led training per module (32 hours per section, 64 for course)
- Equivalent of time of self-paced coursework, exercises, and practice tests per module
- 24/7 access to MTS Software, SolidWorks, and CamWorks for duration of the course

### During the program, participants will learn:

#### Advanced Mill Programming

1. Coordinate Systems, Geometrical Data, and Program Structure
2. Linear and Circular Interpolation
3. Cutting Parameter Calculation and Tool Compensation
4. Canned Cycles and functions to Simplify Programming

#### Advanced Turn Programming

1. Coordinate Systems, Geometrical Data, and Program Structure
2. Linear and Circular Interpolation
3. Cutting Parameter Calculation and Tool Compensation
4. Canned Cycles and functions to Simplify Programming

### Class Information

#### Milling Section

- *Module 1:* July 11th and 14th, 2017
- *Module 2:* July 18th and 21st, 2017
- *Module 3:* July 25th and 28th, 2017
- *Module 4:* Aug. 1st and 4th, 2017

#### Turning Section

- *Module 1:* Aug. 8th and 11th, 2017
- *Module 2:* Aug. 15th and 18th, 2017
- *Module 3:* Aug. 22nd and 25th, 2017
- *Module 4:* Aug. 29th and Sept. 1st, 2017

All classes are 2:00pm - 6:00pm EST

More information can be found at: [machiningsolutions.com/amps2.html](http://machiningsolutions.com/amps2.html)

### Class Registration

Registration for this class can be completed online at [www.machiningsolutions.com/registration.html](http://www.machiningsolutions.com/registration.html)

### Pricing Information

Individual Module - \$350  
Milling or Turning Section - \$1325  
Complete Course (All Modules) - \$2500

CareerSource funding may be available for FL residents who qualify.