



## CAD/CAM CONSULTING SERVICES INC.

SALES · SERVICE · SUPPORT

# **Mastercam®**

## Lathe Version X5 Training

### Class I: Interface, Lathe Design, Stock Setup Lathe Quick Toolpaths

- 1.) **Mastercam Interface**
  - a. Menu system
  - b. File menu
  - c. Toolbars/hotkeys
- 2.) **Wireframe Construction, Stock Setup & Quick Toolpaths**

Projects include:

  - a. Wireframe constructions and modifications
  - b. Introduction to chaining
  - c. Geometry problem solving
  - d. Stock and tool setup
  - e. Lathe quick toolpaths
  - f. Lathe groove toolpaths
- 3.) **Tool Definition, Operations Manager, & Backplot/Verify**
  - a. Changing parameters for an operation
  - b. Regenerating associative toolpaths
  - c. Backplot & verify toolpaths

### Class II: Lathe Toolpaths (cont.)

- 1.) **Tool Creation, Tool Manager & Spindle Setup**

Projects include:

  - a. Creating new tools and editing existing tools
  - b. Holders
  - c. Creating and editing tool libraries
  - d. Continuation of stock and spindle setup.
- 2.) **Additional Lathe Toolpaths and Parameters**
  - a. Face Toolpaths
  - b. ID/OD Rough Toolpaths
  - c. ID/OD Finish Toolpaths
  - d. Thread Toolpaths
  - e. Groove Toolpaths
- 3.) **Lathe Operation Tips and Tricks**
  - a. Editing operation parameters
  - b. "Crash" prevention
  - c. Chaining Tips
  - d. Display of operations and options

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