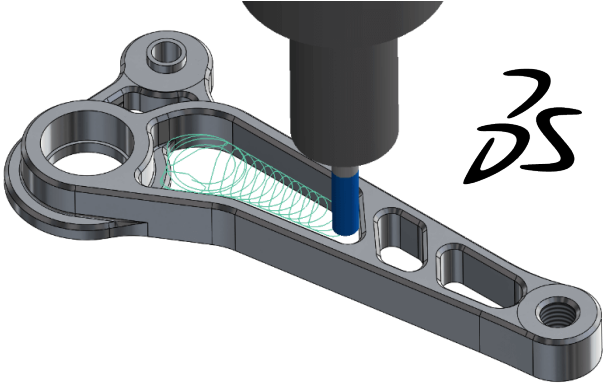

SOLIDWORKS | CAM PROFESSIONAL

This course teaches how to use the SOLIDWORKS CAM Professional software to machine parts utilizing advanced functionality such as: CAM or SOLIDWORKS configurations, VoluMill™, mill machining in the context of an assembly, and 3 plus 2 machining. Additionally, the course teaches how to generate, modify and post process 2 axis turning toolpaths used for the machining of SOLIDWORKS part files.

SOLIDWORKS CAM CONFIGURATIONS

- SOLIDWORKS CAM Product Review
- SOLIDWORKS CAM Configurations
- Case Study: Using Configurations
- Case Study: Working With CAM Configurations
- Exercise 1

HIGH SPEED MACHINING (VOLUMILL™)

- VoluMill Overview
- Case Study: Using VoluMill
- Exercise 2

ASSEMBLY MACHINING

- SOLIDWORKS CAM Assembly Mode
- Case Study: AM Using a Vise
- Case Study: AM Programming with Subroutines
- Case Study: AM Multiple Parts
- Case Study: AM Split Instance
- Exercise 3
- Exercise 4
- Exercise 5

3 PLUS 2 MACHINING

- 3 Plus 2 Machining (Indexing)
- Case Study: 3 Plus 2 - Part Machining
- Case Study: Assembly Machining with a Tombstone
- Exercise 6

TURNING BASICS

- SOLIDWORKS CAM Turning
- Process Overview
- Case Study: Generate Toolpaths and NC Code
- Case Study: Interactive Features and Operations
- Exercise 7
- Exercise 8

CHUCKS, ID FEATURES AND OPERATIONS

- Section Method
- Case Study: Using Plane Section
- Case Study: Using Double Chucks
- Exercise 9

MODIFYING FEATURE AND OPERATION PARAMETERS

- Case Study: Custom Chuck, OD and Thread Features
- Exercise 10

PROBING

- Introduction to Probing
- Probe Operation
- Case Study: Probing Operations - Part 1
- Case Study: Probing Operations - Part 2
- Case Study: Probing Operations - Part 3
- Exercise 11

FORMAT

Classes are scheduled at a GoEngineer training facility and taught by certified SOLIDWORKS instructors. Training manuals will be provided to you on the first day of class. This training may also be taught as a custom class at your location for an additional cost.

PREREQUISITES

Experience with the SOLIDWORKS design software.