



SURFCAM STANDARD CLASS

GENERAL

This course is designed for new users of SURFCAM.

DETAILS

Students will learn to produce CNC programs for up to 2 ½ Axis machine tools and also techniques for optimizing programming efficiency. Some of the topics covered are:

- System Interface
- Creating/Editing 2D Geometry
- Importing Data/Geometry
- Creating Toolpath types including, but not limited to:
 - Pockets
 - High Speed 2D Roughing
 - Profiles/Contours
 - Holes
 - Lettering
 - Facing
 - O-ring grooves.
 - Chamfers
 - Helical Milling
- Toolpath Simulation
- File Management
- Post Processing/Generating NC Code files

PREREQUISITES

Knowledge in basic Windows PC Operation

RECOMMENDATIONS

It is helpful if the student attending the class has some previous knowledge/exposure regarding CNC Machining.