

**Course Title: CAD/CAM FOR
MANUFACTURING PROCESS**

Course Code: DS 115

Course Background / Summary:

This course covers a series of 3D modeling exercises onto different axis millings. Learn how to level, import and export files from other CAD systems.

Course Objectives:

- Enhance knowledge in CAD/CAM and CNC programming.
- Produce 3D surface modeling.
- Import files, setting up and run CNC milling machine.

Target Audience:

- Operation assistants, machine operators, machine suppliers, technical lecturers

Course Duration: 3 Days

Course Contents

1.0 3D Geometry Construction

2.0 Surface Modeling / Editing

3.0 3D Machining

4.0 Editing Tool path

5.0 Surface Blending

6.0 Data Conversion and Transmission

7.0 CNC Programming / Editing

8.0 Running parts on Milling Machine