

Course Title: ADVANCED CAM

Course Code: MEC 120

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
- Learn how to do 3D surface modeling
- To import files, set up and run the 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