GERMAN-MALAYSIAN INSTITUTE
Training for Advanced Technology

COURSE TITLE : INTERMIDIATE CADCAM MILLING

COURSE OVERVIEW

This course provides the use of CADCAM system which integrates with the application of CNC milling machine. Focuses on different CAM techniques, cutting boundaries, various tool path styles, machining parameters and selections of tooling. Performing tool path verifications and generation of part programs. Hands on with application of CNC milling to perform machining operations.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Apply CAM techniques for 3 axis surface machining.
- Optimize machining processes
- Perform verifications and analysis for machined part simulation
- Generate the tool paths
- Perform machining operation using generated part programs via CAM

THE UNIQUENESS OF THIS COURSE

- The training approach is practical based, involving CADCAM applications and CNC machining.
- Experienced trainers in the field of CNC programming, CAD modeling and CADCAM machining technology.

WHO SHOULD ATTEND

This course is designed to those who are related to the manufacturing, production and metal working industry.

TARGET GROUP

Design engineers, tooling engineers, programmers, machinist, technicians and technical trainers.

KEY TOPICS

- 3 axis milling machining strategies specializing on complex surface machining
- Optimizing CAM operations via tool path styles and movements
- Tool path verification and analysis
- Generating part programs
- Setting up for machining operation

METHODOLOGY

Consist of practical activity with application of CADCAM software, lessons delivery is via demonstration, practical and discussions.

COURSE DURATION

3 Days

PRE-REQUISITE

Participants should have basic milling machining and CAD software knowledge.

CERTIFICATION

Certificate of attendance will be issued to those who successfully completed the course.

Minimum participants: 6