



ON-LINE Training for CAD-CAM Technicians



3 AXES MILLING - EMBF3AEN 3 Axes Milling Workings and Working Strategies.

Teaching Method :

- > **On-line** course made of different parts each ending with testing and evaluating summing questionnaires.
- > **Mastercam** software in its demo version to handle the guided drills and test the learnt notions.
- > Technical **Helpdesk** available by e-mail.

Length :

35 hours - corresponding to **80 hours** of a traditional in class training

Maximum available on-line time :

3 month

Requirements :

- > Computer with CD-Rom reader and Windows technology.
- > Internet connection.
- > E-mail address.

Needed knowledges :

- > How to use an internet browser.
- > How to use e-mails.
- > How to use the Mastercam Interface.
- > How to work in the CAD 2D drawing environment of Mastercam.

Contents :

- > Mechanical technology for machine tool workings.
- > Groundings of the ISO planning theory.
- > Structure of a working cycle for those processes based on CAD/CAM systems.
- > Work settings and common parameters for CAM milling workings.
- > CAM operations handling.
- > Working strategies for the improve of tools courses.
- > Workings on wireframe models.
- > Strategies for the use of the remaining material.
- > Personalized working strategies taken from projections.
- > Transformation of a tool course and handling of sub-programs.
- > Creation and managing of workings lybraries.
- > Testing of tool courses with graphic simulations on a virtual model.
- > Post-processor, creation of NC files and data transmission.
- > Creation of reports for a CAM working cycle.

Released qualification :

EduC@M Qualified Certificate

