



Advanced Professional Training in CNC Machines

By Prof. Adel El Sabbagh

Who can apply

Engineers/Technologists interested to work in modern industrial facilities.

Program Description

A highly practical professional training designed to qualify engineers for advanced industrial work in CNC machines. The program focuses on CNC operation, programming, and maintenance, using FANUC-controlled CNC machines, with intensive hands-on training in fully equipped industrial workshops

Duration

3 Months

Proposed Tuition Fees

2000 USD

Start date:

End date:

Proposed program outcome

Certificate of Course Completion awarded after successful completion and passing a mandatory final practical and technical assessment (not only a theoretical exam).

Facilities

Training is mainly conducted at Luban Workshops, equipped with:

- CNC Lathe with FANUC 0i TF PLUS controller
- 3-axis CNC Machining Center with FANUC 0i TF PLUS controller
- CNC lathe maintenance center
- CNC machining center commissioning and maintenance center
- CNC simulators with FANUC controllers

Learning Outcomes / Content Learning Outcomes / Content

- CNC operation on lathes and machining centers
- CNC controller parameter setting
- CNC machine programming
- CAM-based CNC programming
- CNC machine maintenance and troubleshooting
- CNC hardware connections

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