



CNC Machining of Materials (City & Guilds)

Aims

This unit enables the candidate to develop the skills and knowledge necessary to successfully machine by Computer Numerical Control (CNC). At the end of this module the learner will: • be able to produce CNC part-programs using simulation software • be able to set-up CNC machine tools • be able to produce parts using CNC machine tools • be able to reinstate the work area

Entry Requirement

Completed Leaving Certificate or Equivalent.
Industry experience is desirable but not essential.

Content

This programme is focused on programming 3-axis CNC milling and 2-axis lathe work. It includes part-programming, preparation of the machine, selection and the preparing of the required methods of work holding, the selection and the correct mounting of tooling. It also covers the operations required and safe working practices to complete the machining operations.

Qualifications

City & Guilds Award 2850-326

Award: Transcript of the result achieved will be issued by City and Guilds

Department: Mechanical & Automobile Engineering

Campus: LIT Moylish

Level: NA

Duration: 27 Weeks

27 Weeks, 3 hours per week

Wednesday from 7.00pm to 10.00pm

Commencing Wednesday 25th September 2019

Course Location: Moylish Campus, Limerick

Application Deadline: 13th September 2019

Entry Requirements:

Completed Leaving Certificate or Equivalent.
Industry experience is desirable but not essential.
Weeks

Course Fees:

€675 tuition fees, payable directly to LIT upon registration.

Additional City and Guilds Assessment fees and registration fee will also apply. These fees will be

collected by the exams office during the course of the programme.

Contact:

Further Information

Contact: Department of Flexible Learning

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For Academic Related Queries

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