COURSE BROCHURE

CNC Machining Fundamentals & Workshop Safety

Diploma, Vocational & Skills / CNC & Precision Manufacturing

One-time full-course fee

INR 1,499

Access

12 months course access

Study plan

12-18 suggested study hours; 12 months access

Learning format

Eight self-paced written lessons in English, original worked examples, paper or digital exercises, explained knowledge checks and a capstone with a model solution and self-assessment rubric. Automated Course Tutor support is available in the LMS.

Programme overview

Self-paced written foundation teaching with automated Course Tutor, paper calculations and optional offline simulation. Covers process selection, hazards, coordinates, requirements, tooling concepts, verification and inspection. No machinery, paid software, live instruction, accreditation or operating qualification included. Eight self-paced written lessons in English, original worked examples, paper or digital exercises, explained knowledge checks and a capstone with a model solution and self-assessment rubric. Automated Course Tutor support is available in the LMS. Online theory and planning only. Physical machine practice requires separate qualified supervision and machine-specific authorisation. No machine time, software or simulator licence, live instructor, recorded lecture series, individual human marking, employment guarantee, ITI/DGT/NSQF qualification or manufacturer accreditation is included. Programme examples are for offline interpretation or simulation and are not ready-to-run machine instructions. Entry course for the CNC family. Other courses develop specialist topics; related purchases are optional.

Who this is for

1. Class 10-level mathematics, basic computer skills and English reading ability.
2. Use the supplied fictional parts and data. Do not upload confidential employer drawings. Use only software you are entitled to use; paper alternatives are available.

Published topics and learning focus

1. Start here: from a drawing to a manufactured part
2. Recognising hazards and understanding authorisation
3. Axes, origins, units and coordinate reasoning
4. Drawings, materials and acceptable variation
5. Tools, cutting calculations and workholding concepts
6. Programme structure, simulation and revision control
7. Inspection, variation and production records
8. Capstone: prepare a CNC foundation job review

Before you choose

1. These are published programme highlights, not certification of complete syllabus coverage. Review the available reading index and programme trial before enrolling.
2. ZELVU provides learning support. It does not award the underlying degree, professional registration or an examination result.
3. Current checkout terms and refund policy apply. Payment and access require successful provider verification.

Take the next step

Explore the programme trial

View current details, scope and terms

Ask ZELVU about this programme

Save this brochure for reference. Details can change: confirm the current programme page and checkout before making a purchase.