COURSE BROCHURE

CNC Wire-cut EDM & Die-sinking EDM Fundamentals

Diploma, Vocational & Skills / CNC & Precision Manufacturing

One-time full-course fee

INR 2,999

Access

12 months course access

Study plan

16-22 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

Eight written foundation lessons in electrical erosion, wire kerf and offsets, contour access and slug control, taper geometry, die-sinking electrodes, surface quality, inspection and maintenance boundaries, with two original capstone job plans. All process values are explicitly fictional learning assumptions; no machine operation, electrical repair, software licence or practical certification is 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. Independent EDM foundations. Does not include hands-on EDM operation, electrode manufacture or machine-servicing instruction.

Who this is for

1. CNC fundamentals, drawing awareness and basic electrical-safety concepts.
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. EDM principles and process selection
2. Wire diameter, kerf and geometric offsets
3. Wire contours, starter access and retained-piece planning
4. Taper concepts and wire-guide geometry
5. Die-sinking electrodes, gap allowance and wear
6. Surface quality, finishing passes and inspection
7. Operator records, maintenance boundaries and fault triage
8. Capstone: wire-cut and die-sinking job plans

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.