COURSE BROCHURE

Engineering Drawing, Fits & GD&T Foundations

Diploma, Vocational & Skills / CNC & Precision Manufacturing

One-time full-course fee

INR 2,499

Access

12 months course access

Study plan

14-20 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 original written foundation course with automated Course Tutor and paper-based drawing, fit, stack and geometric-reasoning exercises. No complete standard text, paid software, measuring equipment, live instructor, accreditation or production inspection authority included. Complex standard-specific interpretation requires further specialist training. 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. Provides drawing foundations for CNC, CAD and Metrology. It is separate from the existing general AutoCAD drawing course.

Who this is for

1. Basic geometry, arithmetic and English reading ability; no CAD software required.
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: views, notes and drawing identity
2. Dimensions, limit sizes and units
3. Clearance, interference and transition fits
4. Dimension chains and worst-case tolerance stacks
5. Datum features and reference frames
6. Form, orientation and position: what each control asks
7. From drawing requirements to an inspection matrix
8. Capstone: drawing and mating-fit 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.