COURSE BROCHURE

PLC Structured Text & Function Blocks

Diploma, Vocational & Skills / Industrial Automation, PLC & SCADA

One-time full-course fee

INR 4,499

Access

12 months course access

Study plan

18 suggested study hours; 12 months access

Learning format

4 self-paced written English lessons with original worked examples, disconnected simulation or paper exercises, explained knowledge checks and a self-assessed capstone. Optional automated Course Tutor assistance is available in the protected LMS.

Programme overview

Four original written lessons on data types, engineering-unit calculations, complete branches, bounded loops, stateful function-block instances and an offline batch-quality capstone. 4 self-paced written English lessons with original worked examples, disconnected simulation or paper exercises, explained knowledge checks and a self-assessed capstone. Optional automated Course Tutor assistance is available in the protected LMS. AI-authored with independent AI editorial checks; independent human academic review is not included. Independent ZELVU vocational study using fictional exercises. No vendor affiliation, OEM certification, engineering software licence, PLC or HMI hardware, supervised physical laboratory, live human instruction, individual human marking, recorded video lecture series or placement guarantee is included. Simulation results do not establish physical equipment competence. Ordinary PLC logic is not a safety-rated emergency-stop system. Real wiring, energisation and commissioning require qualified supervision, equipment-specific procedures and authorised isolation; do not connect these training exercises to a live plant. Included in PLC & Industrial Automation Complete Course; a separate focused purchase repeats these lessons. The bundle does not grant individual focused entitlements. Introductory programming concepts may overlap with the separately sold Robotics & Automation degree-support course, whose existing material and access remain separate.

Who this is for

1. PLC foundations and basic arithmetic. Familiarity with Boolean expressions is helpful; no paid development licence or hardware is included or required for paper exercises.
2. Use only the supplied fictional data and disconnected training environment. Keep real plant credentials, network addresses, private programs and customer information out of the Course Tutor.

Published topics and learning focus

1. Types, Units and Predictable Arithmetic
2. Conditions, State Selection and Bounded Loops
3. Functions, Function Blocks and Independent Instances
4. Capstone: Validate a Measurement and Batch Decision Module

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.