COURSE BROCHURE

PLC Ladder Logic, Timers & Sequencing

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

One-time full-course fee

INR 3,499

Access

12 months course access

Study plan

16 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 ladder decision logic, remembered state, stop priority, edge counting, timers and batch sequencing, ending with an answered offline 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; buying both repeats these lessons. The bundle does not grant separate focused-course entitlements. Some introductory PLC topics 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 or equivalent Boolean-logic knowledge. Use paper, a spreadsheet or an optional isolated simulator; no real equipment is required.
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. Ladder Decisions, Memory and Stop Priority
2. Timers, Edges and Reliable Counting
3. Sequence States, Transitions and Timeouts
4. Capstone: A Counted-Batch Transfer Sequence

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.