COURSE BROCHURE

Allen-Bradley Logix & Studio 5000 Foundations

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

One-time full-course fee

INR 5,999

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 Logix task/program/routine organisation, tag ownership and events, recipe/timing validation and a fictional carton-batch capstone. Paper and optional disconnected emulator exercises develop bounded application reasoning; advanced motion, safety programming and field commissioning are outside scope. 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, using the same four lessons; do not buy both for additional material. The combined course contains the 56 new lessons of the 14 named focused packs and provides its own course access, not separate focused entitlements. The separately

sold Robotics & Automation degree-support programme (btech-be-robotics-automation) may overlap in introductory PLC concepts; its prior material and entitlements are not included or changed.

Who this is for

1. PLC fundamentals, Boolean conditions and basic arithmetic. Any optional Studio 5000 or emulator licence and compatible computer are separate; all required tasks can be completed on paper.
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. Map Tasks, Programs and Routines to a Testable Application
2. Design Tag Ownership, Conditions and One-Time Events
3. Validate Timing, Recipe Values and Consistent Snapshots
4. Capstone: Build an Auditable Carton-Batch Model

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.