



EMERSON CONTROLLER CERTIFIED TRAINING

CONTROLLER PROGRAMMING 7701

As an authorised training centre for Emerson, Control Logic are pleased to offer the opportunity for our clients to enrol in a 'STEP' certified Emerson Controller training course.

Choose from either the 2-day 7700 Controller Maintenance course (\$1,695 ex.) or the 3-day 7701 Controller Programming course (\$2,495 ex.). To enrol, please call 1300 556 601, or register via our training page: ipd.com.au/Automation-Training.

WHO SHOULD ATTEND

This course is intended for those who are or will be involved in the development, modification, and troubleshooting of Emerson control systems using PAC Logic Developer software and PACSystems Controllers.

PRE-REQUISITES

Participants should be comfortable operating in a Microsoft Windows environment, and have a basic understanding of electrical/control fundamentals.

OBJECTIVE

Learn programming for PACSystems, 90/70, 90/30, and VersaMax controllers in this Machine Edition class featuring the PACSystems RX3i Controller. This class covers programming techniques and the advanced features of the PACSystems Controller using Logic Developer Controller Machine Edition software. Starting with the controller software architecture, students are taught how to effectively develop control applications using building block concepts.

This course builds upon Object-Oriented concepts with PACSystems User-Defined Function Blocks (UDFBs), as well as the development of application components using Ladder Diagram (LD) and Function Block Diagram (FBD) programming languages.



3 days | 9.00 am to 4.00 pm (approx.)



\$2,495 ex. per person



Onsite at IPD

COURSE CONTENT

» Upon completion of this course, the student will be able to:

- Describe Control System Architecture & Operational Fundamentals
- Operate PAC Machine Edition
- Establish and Utilise Communications to the Controller
- Configure a Controller and its associated hardware modules
- Effectively use and create Controller Variables
- Create Projects in Ladder Diagram (LD), Function Block Diagram (FBD), and Structured Text (ST)
- Understand and program Arithmetic, Timer, Counter, and Move operations
- Utilise programming guidelines for developing robust control applications
- Use User Defined Function Blocks (UDFBs) to build structured applications
- Effectively use the Machine Edition Tool chest as a repository for Application Building Blocks
- Create, Monitor, and Modify running Controller applications



AVAILABLE COURSES

CONTROLLER MAINTENANCE 7700 | 2 DAY COURSE

CONTROLLER PROGRAMMING 7701 | 3 DAY COURSE

OTHER COURSES

PANASONIC PLC TRAINING

MACHINE SAFETY TRAINING

CONVEYOR SAFETY TRAINING

NB: Minimum class number must be attained before classes can commence.