

FactoryTalk View Programming

September 2025

Course Overview

After completing this course, students will develop the skills needed to configure, and program a PanelView Plus HMI. **The course is done on equipment made available by the client.**



Course Objective

To provide the necessary information, resources, and hands-on activities needed to become proficient in programming the PanelView Plus. The course focuses on hardware & Network configurations, and programming to either a PLC-5 or ControlLogix system. There are ample hands-on exercises and troubleshooting that familiarize the student with the hardware and software.

Who Should Attend

This course is recommended for maintenance and engineering personnel, as well as those responsible for programming and maintaining this equipment. It is highly recommended that students have a thorough understanding of the concepts and practices included in the **ControlLogix Programming & Maintenance course (POCC101)**.

Course Length and Cost

Per Student Cost:	\$1200 USD
Course Length:	2 Days

Client Expectations

This training is provided at a discount by using equipment provided by the client. Students are expected to attend the entire training session to receive their certificate. It includes a separate workstation, DH/DH+ Communications Module, ControlNet Module, Ethernet Module, 1756-L75

Controller, and software for each student. An additional station for the instructor. In addition, make the following available:

- Computer and necessary software, including: RSLogix 5000, RSLogix 5, RSLogix 500, RSLinx, ControlFlash, RSNetWorx, FactoryTalk View ME.
- PanelView Plus
- Internet Access
- Dry-erase board for examples, assignments, etc.

Provider Expectations

The contractor will provide the following:

- Student Workbook with exercises
- RSLogix 5000 Instruction Set Reference (Digital)
- RSLogix 5 Instruction Set Reference (Digital)
- FactoryTalk View Manual (Digital)
- Select Procedure Guides
- Lab results can be provided if desired
- Certificate of Completion or Achievement
 - A completion certificate is provided to students who complete the entire class, but with no assessment
 - An achievement certificate is provided for those who complete the entire class and pass a written and programming assessment

Course Agenda

Day 1:

- Safety
- Software Navigation
- PanelView Plus Configuration
- Setting up Communications
 - To PLC-5
 - To ControlLogix
- Transferring Data

- Adding Text To A Screen
- Adding Pushbuttons To A Screen
- Add A Multi-State Device To A Screen

Day 2

- Displaying Values to the Screen
- Display Values using a scale
- Send Values to a Processor
- Verifying proper operation
- Replacing A PanelView Plus
- Comprehensive Programming Exercises
- Troubleshooting Common Issues
- Assessment

Adjustments

It may be necessary to adjust the course curriculum depending on the students' understanding of the material. Every effort will be made to include as much information as possible.

Time permitting, troubleshooting will be incorporated into the program. Troubleshooting will be limited to software, edits, and hardware configurations unless the client provides faulty equipment to be used.

If you have questions about any part of the course or would like to modify the course curriculum, please reach out to [PO Controls](#) to discuss. Price may vary depending on the extent of changes.