

# COURSE DESCRIPTION

**PanelView™ 300/550/600/900/1000/1400 Terminals**

## COURSE AGENDA

### *Day 1*

- Course Overview
- Preparing a PanelView Standard Terminal for Operation
- Connecting Communications Cables
- Creating an Application
- Defining Network Communications Parameters for an Application
- Creating a Tag Database
- Creating Background Text and Screen Selectors
- Downloading an Application

### *Day 2*

- Integrated Practice: Creating Screen Selectors and Downloading an Application
- Creating Control Objects and Displays
- Integrated Practice: Creating Control Objects and Displays and Downloading an Application
- Creating Messages
- Adding Bitmap Graphic Images
- Creating a Report
- Troubleshooting a PanelView Standard Terminal and a PanelBuilder32 Application

PanelView™ 300/550/600/900/1000/1400 and  
PanelBuilder™ 32 Application Development



**COURSE NUMBER: CCP196**

### *Course Purpose*

This course prepares students to successfully design and configure a control panel application for a PanelView standard terminal that is used to control and monitor an operation. Students will first use PanelBuilder32 software to practice the tasks associated with creating the operator interface screens, then they will demonstrate proper operation of the screens by interacting with the terminal and the processor. Students will also learn how to troubleshoot a terminal and PanelBuilder32 application to decrease downtime of equipment.

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**Rockwell  
Automation**

# COURSE DESCRIPTION

## PanelView™ 300/550/600/900/1000/1400 Terminals

### **Who Should Attend**

Individuals who need to create a PanelBuilder32 application and control and monitor an operation using a PanelView standard terminal should attend this course. Also, students who need to diagnose and correct application and/or terminal problems should attend this course.

### **Prerequisites**

To successfully complete this course, the following prerequisites are required:

- Ability to perform basic Microsoft® Windows® tasks
- Experience creating ladder logic using RSLogix 500™ software
- Completion of the *PLC-5/SLC 500 and RSLogix Fundamentals* course (Course No. CCP122) or equivalent experience

### **Student Materials**

To enhance and facilitate students' learning experience, the following materials are provided to each student as part of the course package:

- *Student Manual*, which contains the key concepts, definitions, and examples presented in the course and includes the hands-on exercises.
- *PanelView 300/550/600/900/1000/1400 and PanelBuilder32 Procedures Guide*, which provides all the steps required to complete common PanelView standard terminal and PanelBuilder32 software tasks, including the tasks in the exercises. By following the procedures in this job aid, students can immediately apply what is learned in the course to their own job.

### **Hands-On Practice**

Hands-on practice is an integral part of learning and this course offers extensive hands-on opportunities. Using PanelBuilder32 software, students will design and configure an application from start to finish. Students will also have the opportunity to diagnose and correct application and terminal problems.

### **Course Length**

**[www.rockwellautomation.com](http://www.rockwellautomation.com)**

### **Power, Control and Information Solutions**

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Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

This is a two-day course.

### **Course Number**

The course number is CCP196.

### **IACET CEUs**

CEUs Awarded: 1.4



### **To Register**

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at <http://www.rockwellautomation.com/training>