

Overview:

This course (CMP100-EL) provides you with the skills needed to add devices and program application code using Connected Components Workbench™ software. You will also be introduced to component-level devices such as:

- PanelView™ 800 graphic terminals
- PowerFlex® 525 drives
- Guardmaster® 440C-CR30 safety relays
- Application code will be created using ladder diagram, structured text, and function block diagram. An overview of user-defined function blocks will also be provided.

Objectives:

- Starting a Project in Connected Components Workbench Software
- Adding Devices to a Connected Components Workbench Project
- Adding Micro800 Ladder Logic and Structured Text Code to a Connected Components Workbench Project
- Adding Micro800 Function Block Code to a Connected Components Workbench Project
- Testing a Connected Components Workbench Project Using the Micro800 Simulator
- Modifying Micro800 Code in a Connected Components Workbench Project
- Developing PanelView 800 Applications Using Connected Components Workbench Software
- Configuring a PowerFlex Drive Using Connected Components Workbench Software
- Configuring a Guardmaster 440C-CR30 Safety Relay Using Connected Components Workbench Software

Who Should Attend:

This course is intended for individuals responsible for programming and working with the Micro800™ family of controllers, PanelView 800 HMI, and/or any supported Rockwell Automation® PowerFlex drives.

Prerequisites:

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

- Ability to perform basic Microsoft Windows tasks
- Prior exposure to programmable controller languages and industrial automation devices