



COURSES HELD AT FROMM READING BRANCH TECHNOLOGY CENTER:

CLICK ON A COURSE TITLE FOR MORE INFORMATION

[MOTION CONTROL FUNDAMENTALS USING KINETIX 5700 \(CIP\) SERVO DRIVES](#)

OCTOBER 8-10 (3 DAYS) | RSVP BY SEPTEMBER 10

This course (CCN132) provides the ability to demonstrate fundamental motion control concepts common to all Rockwell Automation motion control systems. This course is designed to provide you with an understanding of the concepts, terminology, functionality and applications of motion control. This course will also allow you to establish the foundation you need before learning the skills necessary to maintain and program motion control systems.

COURSE CCN132 | \$1,907

[PLC-5/SLC 500 AND RSLOGIX FUNDAMENTALS](#)

OCTOBER 29-30 (2 DAYS) | RSVP BY OCTOBER 1

This course is designed as an introduction to programmable controller systems. The PLC-5 or SLC 500 system will be featured using either RSLogix 5 or RSLogix 500 software. Important: By the time the course is finished, you will not be able to program, maintain, or troubleshoot a PLC-5 or SLC 500 system. However, you will have the prerequisite understanding required for the courses that teach those skills.

COURSE CCP122 | \$1,589

[ACCELERATED LOGIX5000 PROGRAMMER CERTIFICATE LEVEL 1*](#)

NOVEMBER 11-15 (5 DAYS) | RSVP BY OCTOBER 14

This accelerated course is for individuals who can quickly learn and apply Logix5000™ concepts, terminology, hardware, and the Studio 5000 Logix Designer® programming environment. You will quickly move from these early concepts to using producer/ consumer technology and messages to multicast input and output devices, share data between controllers, and control remote I/O. This course prepares you for the Accelerated Logix5000 Programmer Certificate Course Level 1 certificate exam, which is included in the course price.

COURSE CCP250 | \$2,756

[ESSENTIALS OF INDUSTRIAL ETHERNET NETWORKS FOR AN OT PROFESSIONAL](#)

DECEMBER 10-11 (2 DAYS) | RSVP BY NOVEMBER 12

In this course, you will learn how to verify communications between devices, recognize data transmission types, and differentiate between OSI Model Layer 2 and Layer 3 switching functions. You will also identify the routing process, monitor a switch using Device Manager and CLI commands, and work with IOS configuration files. This course prepares you to more clearly understand key IT terms and concepts for communicating with other professionals on Connected Enterprise projects.

COURSE CCP182 | \$1,589

[INDUSTRIAL ELECTRICAL CONTROLS FUNDAMENTALS](#)

JANUARY 14-17 (4 DAYS) | RSVP BY DECEMBER 17

This course is designed to provide knowledge and skills required to install, maintain and troubleshoot machine controls.

COURSE MFG213 | \$2,333

[STUDIO 5000 LOGIX DESIGNER LEVEL 1: CONTROLLOGIX SYSTEM FUNDAMENTALS](#)

JANUARY 21-22 (2 DAYS) | RSVP BY DECEMBER 20

After completing this course, you should be able to perform basic ControlLogix and Studio 5000 Logix Designer™ tasks, such as creating and configuring a project and communicating with a controller.

COURSE CCP146 | \$1,589

*Pre-requisites apply. Please contact us for details.



**Authorized
Distributor**

A ROCKWELL AUTOMATION PARTNER



**Authorized
Service Provider**

A ROCKWELL AUTOMATION PARTNER

2101 CENTRE AVENUE
READING, PA 19605

FROMMELECTRIC.COM



COURSES HELD AT FROMM READING BRANCH TECHNOLOGY CENTER:

CLICK ON A COURSE TITLE FOR MORE INFORMATION

[STUDIO 5000 LOGIX DESIGNER LEVEL 2: BASIC LADDER LOGIC PROGRAMMING](#)

JANUARY 23-24 (2 DAYS) | RSVP BY DECEMBER 20

After completing this course, you should be able to program basic ladder logic instructions for Logix5000™ controllers. This is a skillbuilding course that provides you with the resources and hands-on practice required to complete this objective.

COURSE CCP151 | \$1,589

[SLC 500 & RSLOGIX 500 MAINTENANCE & TROUBLESHOOTING](#)

FEBRUARY 4-7 (4 DAYS) | RSVP BY JANUARY 7

This skill-building course provides you with the necessary practice needed to interpret, isolate, and diagnose common hardware problems related to noise, power, and discrete and analog I/O. In troubleshooting scenarios, you will be introduced to basic ladder logic interpretation, which is applied to diagnostic tasks. You will practice these diagnostic skills by tracing through ladder logic instructions in an RSLogix 500® project. An integrated practice of multiple troubleshooting skills completes the training.

COURSE CCPS43 | \$2,333

[SAFETY RELAYS AND DEVICES MAINTENANCE AND TROUBLESHOOTING](#)

MARCH 10-11 (2 DAYS) | RSVP BY FEBRUARY 11

This course will introduce you to monitoring safety relays and input and output devices used to configure safety systems according to industry standards for functional safety of machinery. You will have the opportunity for hands-on experience with several of these components, which will help you to learn how they interact in safety systems.

COURSE SAF-COM101 | \$1,589

[THINMANAGER CONFIGURATION](#)

MARCH 17-18 (2 DAYS) | RSVP BY FEBRUARY 18

This course is designed to teach you how to set up and use the hardware in the demonstration kit to provide effective ThinManager integration with existing systems. While the focus is system configuration, some of the topics covered will introduce system maintenance. Along the way, you will have an opportunity to explore a number of ThinManager features. In this course, you will learn how to run Windows-based applications for Rockwell software via Microsoft's Remote Desktop Services, as well as other content sources including VNC servers, IP cameras and terminal-toterminal shadowing.

COURSE SPE201-LD | \$1,589

*Pre-requisites apply. Please contact us for details.



**Authorized
Distributor**

A ROCKWELL AUTOMATION PARTNER



**Authorized
Service Provider**

A ROCKWELL AUTOMATION PARTNER

2101 CENTRE AVENUE
READING, PA 19605

FROMMELECTRIC.COM