AB Structured Text Programming In Logix/Studio 5000

Course Description

Building on your project development skills, such as creating tags and programming control code, this course provides the skills and knowledge to program using structured text and sequential function chart programming languages. You will learn how to select instructions, expressions and constructs and then enter these elements and more into a routine.

You will have an opportunity to translate a functional specification into a sequential function chart. Also, you will learn how to test sequential function chart logic using forces and step throughs.

Target Audience:

Individuals who are responsible for programming structured text and sequential function chart routines in RSLogix/Studio 5000 projects for any Logix5000™ controller should attend this course.

Pre-requisites:

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

- Ability to perform basic Microsoft Windows tasks.
- Completion of the RSLogix/Studio 5000 Project Development course (AB-3)
- Experience with basic Logix Designer projects (navigating the software, creating tags, creating routines, etc.)

Course Duration:

2 days, 7hours/day (from 9:00am to 4:00 pm).

Technical Contents:

- Programming Assignments, Expressions, and Instructions in Structured Text within a Logix Designer Project.

- Programming Constructs and Comments in Structured Text within a Logix Designer Project.

- Designing a Sequential Function Chart.

- Programming a Sequential Function Chart in a Logix Designer Project.

- Testing a Sequential Function Chart in a Logix Designer Project.

- Storing and Resetting Sequential Function Chart Data in a Logix Designer Project.

- Resetting and Pausing a Sequential Function Chart in a Logix Designer Project.