

FactoryTalk® Software

FactoryTalk® Metrics with Historian Class Configuration Course Description

COURSE AGENDA

- Install and Configure FactoryTalk Historian/Metrics and PlantMetrics
- Create Reports from Data Stored in a Database
- Create and Edit RSSql Lite Configurations
- Create Time-series and Non-Time-series Charts
- Use the FactoryTalk Task Scheduler to Print, E-mail, or Save Charts and Reports
- Use the FactoryTalk ActiveX Runtime Client in Visual Basic, RSView32, or HTML
- Create a Custom Calculator
- Demonstrate an Understanding of the Maximum Records to Return Concept
- Set up a Log File Configuration
- Configure Security Manager
- Configure Servers
- Assign Activations and Permissions
- Create a Plant Model Configuration
- Import an RSSQL Configuration
- Configure Performance Parameters
- Use Report Data Sources
- Create an OEE Box Report
- Create an OEE Detail Report
- Use the QuickWeb



COURSE NUMBER: RS-FTMHCC

Course Purpose

FactoryTalk® Historian Classic/Metrics is a complete, windows-based solution for the analysis of time-series process and production data. In this course, you'll learn to use Historian's data collection and data analysis functions to perform logging, reporting, and viewing of data.

FactoryTalk Metrics builds on the reporting, analysis, and management capabilities of the Historian by providing a set of tools to analyze the performance of production assets. PlantMetrics provides a performance rating, based on the widely used Overall Equipment Effectiveness (OEE) model, for every production asset. The OEE metric provides a simple way to quickly determine if a production asset is performing adequately.

In this course, you'll also learn to use the reporting, graphing, and querying functionality that make FactoryTalk a complete and very easy-to-use solution for data collection and analysis.

Who Should Attend

This course is intended for engineers, and plant managers who need to collect PLC data, and analyze and report that data.

Prerequisites

A familiarity with the Windows NT/2000 user interface and a basic understanding of Allen-Bradley PLC processors is required. We also recommend knowledge of basic client/server database concepts. A familiarity with basic networking concepts is also strongly recommended. Knowledge or experience with Microsoft SQL Server is also helpful.

Course Length

This is a four-day course.

Course Number

The course number is RS-FTMHCC

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>

www.rockwellautomation.com

Power, Control and Information Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

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