ABB

COURSE DESCRIPTION

T305
System 800xA Administration and Installation

Course goal
Learn Administration and Installation of Extended Automation System 800xA.

Main learning objectives
Upon completion of this course the participants will be able to:
— Explain the System 800xA architecture and the function of the different components;
— Become familiar with the installation Prerequisites;
— Setup the Network and Verify communication;
— Plan and 800xA System, Install and Configure the System;
— Configure OPC Communication;
— Create and Configure users and Access Restrictions;
— Configure Group Policies;
— Setup Audit Trail Lists;
— Setup Time Synchronization;
— Perform Backup on 800xA Nodes;
— Diagnose and Maintain the 800xA System.

Participant profile
This training is targeted to System Administration Personnel

Prerequisites
Students shall know the fundamentals of 800xA and knowledge of Windows 10, Windows 2016 Server OS and Networking technologies.

Topics
— System 800xA architecture;
— Installation Prerequisites;
— Network Setup;
— System Installation;
— OPC Communication;
— 800xA Security;
— Audit Trail;
— Time Synchronization;
— Backup and Restore;
— Server Redundancy;
— Diagnostics;
— Preventive Maintenance.

Course type and methods
This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab.

Duration
The duration is 5 days.

Course map

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Topics	• Course overview; • System 800xA architecture; • Installation Prerequisites; • Network Setup; • System Installation.	• System Installation; • OPC Communication.	• 800xA Security; • Operator Workplace; • Restrictions; • Audit Trail.	• Time Synchronization; • Backup and Restore; • Server Redundancy; • Backup Nodes.	• PC and Network Monitoring; • Diagnostics; • Preventive Maintenance.
Time	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm

Typical course layout (time or sequence may change)

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