

ABB UNIVERSITY COURSE DESCRIPTION

E122 System 800xA – Engineering for Batch Application



Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion.

Student Profile

This Expert Workshop is targeted to experienced application engineers service engineers, software developers, and system integrators.

Prerequisites

Participants should have practical experience in doing engineering for System 800xA.

Course objectives

Upon completion of this course the participants will be able to:

- Install Batch Management.
- Understand batch application design and implementation.
- Understand the physical model according to S88.
- Use the advanced batch templates.

To register, contact the North America Customer Service Center or visit us online ABB Inc.

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Learn System 800xA batch application, design and implementation.

Main Topics

- Structure of physical model.
- Organization in libraries.
- Control Module type, Equipment Module type.
- Phase type, phase logic for different states.
- Equipment (unit) type, equipment logic.
- Link of phase types to the equipments.
- · Phase parameters.
- · Installation of Batch Management.
- Post-Installation steps. Use the System 800xA security features (user roles, permissions, passwords, authentication, digital signatures, audit trail, and security reports).

Duration

The duration is 5 days.