

## E122

# System 800xA – Engineering for Batch Application



Learn System 800xA batch application, design and implementation.

### 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.

### 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.