ABB Ability™ System 800xA
System 800xA Learning Path
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Our Learning Paths illustrate the sequence that our courses should be taken to learn how to perform general, operation, maintenance, or engineering functions on specific ABB products or systems. Click on any block in the course flow diagram to reveal the course description for that course.

Legend

- Classroom course. Required.
- Classroom course. Optional.
- Web-based course. Required.
- Web-based course. Optional.

-- Dotted line indicates that courses are equivalent and each provides the desired learning outcome.

System 800xA Learning Path

Engineering  Maintenance, Level 1  Maintenance, Level 2  Operation

Administration  Evolution  Channel Partners  L2 Certification - Basic
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1.1 System 800xA Learning Path

1.1.1 Engineering

- **T315C** - 5 days: System 800xA - Engineering, Part I - Control Builder
- **T315F** - 5 days: System 800xA - Engineering, Part II - Function Designer
- **T316H** - 5 days: System 800xA - Engineering, Part III - Human System Interface
- **E121** - 5 days: System 800xA - Discovering the Full Scope of Bulk Data Management
- **T316** - 3 days: System 800xA - PROFIBUS/HART Field Device Management AO300M
- **E134** - 5 days: System 800xA - Designing, Creating & Packaging Field Device Object Types
- **T317** - 5 days: System 800xA - FOUNDATION Fieldbus Device Management AO300M
- **E135** - 5 days: System 800xA - Advanced Field Device Bank Engineering and Maintenance
- **T306** - 5 days: System 800xA Information Management - Configuration
- **T307** - 5 days: System 800xA Batch Management - Engineering and Operation
- **E132** - 5 days: System 800xA - Designing and Engineering Batch Applications
- **T309** - 4 days: System 800xA Safety AO300M - Configuration and Maintenance
- **T319** - 4 days: System 800xA - Asset Optimization
- **T323** - 5 days: System 800xA - Integration of IEC61850 Devices
- **E125** - 5 days: System 800xA - Engineering and Methodologies with PCS7/WinCC.AB
- **E171** - 5 days: System 800xA - Advanced Design and Graphics Configuration

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1.1.2 Maintenance, Level 1

1.1.3 Maintenance, Level 2

1.1.4 Operation
1.1.5 Administration

- T315 10 days: System 800xA - Engineering
- T914 5 days: System 800xA - Basic Configuration
- T305 5 days: System 800xA - Administration and Installation
- E143 4 days: System 800xA - Troubleshooting Core System
- E144 5 days: System 800xA - Performing a System Health Check
- E160 5 days: IT Security with System 800xA - Planning, Implementing and Testing Security Concepts
- E161 5 days: IT Security with 800xA - Extended Security Environment Configuration
1.1.6 Evolution

T320  5 days
System 800xA for Advant Master - Configuration

T321  5 days
System 800xA for Harmony - Configuration

T322  5 days
System 800xA for AC 870P / Melody - Configuration

T323  5 days
System 800xA with PLC Connect - Configuration

T324  5 days
System 800xA for MOD300 - Configuration

T325  5 days
System 800xA for DCI - Configuration

T326  5 days
System 800xA for Freelance 800F - Configuration

T305  5 days
System 800xA - Administration and Installation

T306  5 days
System 800xA Information Management - Configuration

T307  5 days
System 800xA Batch Management - Engineering and Operation

T313  4 days
System 800xA - Asset Optimization

E143  4 days
System 800xA - Troubleshooting Core System

E144  5 days
System 800xA - Performing a System Health Check
1.1.7 Chanel Partners

T300a Test 0.5 days
System 800xA - Basic Engineering for Channel Partners (e-learning) → T300a 5 days
System 800xA - Basic Engineering for Channel Partners → T710a-01 45 minutes
System 800xA User Assessment - Engineering with Control Builder M → T316 3 days
System 800xA - PROFIBUS/HART Field Device Management ACSI06M → T317 3 days
System 800xA - FOUNDATION Fieldbus Device Management ACSI06M → T306 5 days
System 800xA Information Management - Configuration → T307 5 days
System 800xA Batch Management - Engineering and Operation → T309 4 days
System 800xA Safety ACI06M H1 - Configuration and Maintenance → T313 4 days
System 800xA - Asset Optimization

1.1.8 L2 Certification – Basic

T315c 5 days
System 800xA - Engineering, Part I - Control Builder → T315c 5 days
System 800xA - Engineering, Part II - Human System Interface → T710a-01 45 minutes
System 800xA User Assessment - Engineering with Control Builder M → T305 5 days
System 800xA - Administration and Installation

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