In-Center, On-Line and Blended Learning Class Schedule

Acquire the knowledge to achieve the most from your automation equipment

NEW: Blended Learning Solution

Training opportunities for students that cannot travel but still desire a live Instructor learning environment. This class format covers training not delivered via the on-demand, self-paced on-line training platform. Students attend ½ day live sessions via Microsoft Teams and have access to courseware and virtual lab machines on ABB servers.

Where are classes delivered?
- In-center at one of our ABB facilities:
  - Columbus, OH
  - Cleveland, OH
  - Houston, TX
- Regional locations selected by ABB University; this is a great opportunity to attend training more local to your site if you don’t have easy access to an ABB training facility.
- On-site at your facility or a local hotel to eliminate interruptions for personnel attending the class; dedicated on-site training can be tailored to help your employees most effectively utilize your site-specific ABB system.

On-Line training

Utilize virtual machines and courseware from standard classes at your own pace with no travel. To find on-line classes, go to mylearning-americas.abb.com and search for ABB US VIRTUAL. To watch a short video that shows what our on-line training format looks like, click here.

How do I get started?

Enroll, discuss on-site training or your training needs
- Tel: 1 800 HELP 365, option 2, option 4
- Email: abbuniversity@us.abb.com
- Web: mylearning-americas.abb.com

Value purchasing programs
- Training Passport: 12 months of unlimited, scheduled, in-center training for a single student.
- Site Bundle: One free week of training when you purchase four weeks. Applies to multiple students.

Click here to learn more.
# ABB University US Process Automation On-Line, In-Center and Blended Learning class schedule

Revised: 01/25/2024

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<thead>
<tr>
<th>On-Line and Blended Classes</th>
<th>System</th>
<th>Delivered</th>
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<tbody>
<tr>
<td><strong>C302v</strong> - Maintaining an Industrial IT Quality Control System with AC800M Controllers On-Line Training</td>
<td>QCS</td>
<td>On-Line</td>
</tr>
<tr>
<td><strong>M202v</strong> - Composer Engineering Software Tools On-Line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>M112B</strong> - Prerequisite Option for Composer Engineering Tools - Blended Learning</td>
<td>Symphony/Harmony</td>
<td>Blended</td>
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<tr>
<td><strong>M113B</strong> - Prerequisite Option for SPlus Engineering - Blended Learning</td>
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<td>Blended</td>
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<tr>
<td><strong>M114B</strong> - Advanced Function Code Configuration – Blended Learning</td>
<td>Symphony/Harmony</td>
<td>Blended</td>
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<tr>
<td><strong>S311v</strong> - SD Series - Hardware Configuration On-line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>S312B</strong> - Symphony Plus Engineering for Harmony - Blended Learning</td>
<td>Symphony/Harmony</td>
<td>Blended</td>
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<tr>
<td><strong>S312v</strong> - S+ Engineering for Harmony On-Line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>S321v</strong> - S+ Operations Basic Configuration Version 2 On-Line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>S321R3v</strong> - Symphony Plus Operations Version 3.2 - Basic Configuration On-Line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>S321R33B</strong> - Symphony Plus Operations Version 3.3 - Basic Configuration - Blended Learning</td>
<td>Symphony/Harmony</td>
<td>Blended</td>
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<tr>
<td><strong>S321R33v</strong> - Symphony Plus Operations Version 3.3 - Basic Configuration - On-Line Training</td>
<td>Symphony/Harmony</td>
<td>On-Line</td>
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<tr>
<td><strong>T305B</strong> - System 800xA Administration and Installation - Blended Learning</td>
<td>800xA/Mod</td>
<td>Blended</td>
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<tr>
<td><strong>T314v</strong> - 800xA Basic Engineering On-Line Training</td>
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<td>On-Line</td>
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<td><strong>T315CB</strong> - System 800xA Engineering with Controlbuilder Engineering Tool - Blended Learning</td>
<td>800xA/Mod</td>
<td>Blended</td>
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<tr>
<td><strong>T315Cv</strong> - System 800xA Engineering with Controlbuilder Engineering Tool On-Line Training</td>
<td>800xA/Mod</td>
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<tr>
<td><strong>T315Fv</strong> - System 800xA Engineering Using Function Designer On-Line Training</td>
<td>800xA/Mod</td>
<td>On-Line</td>
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<tr>
<td><strong>T315HB</strong> - System 800xA Engineering Process Portal A HMI - Blended Learning</td>
<td>800xA/Mod</td>
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<td><strong>T315Hv</strong> - System 800xA Engineering Process Portal A HMI On-Line Training</td>
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<td><strong>T321v</strong> - System 800xA Configuration for Harmony Connect On-Line Training</td>
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<tr>
<td><strong>T530v</strong> - Compact Control Builder On-Line Training</td>
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<td>On-Line</td>
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<tr>
<td><strong>US220v</strong> - System 800xA Alarm Configuration and Operations On-Line Training</td>
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<tr>
<td><strong>US806v</strong> - PLC Control Builder, Process Panel, and ACS880 Drives Integration On-Line Training</td>
<td>QCS</td>
<td>On-Line</td>
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<td><strong>US909v</strong> - Composer to S+ Engineering Transition On-Line Training</td>
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<td>On-Line</td>
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<tr>
<td><strong>US924R3v</strong> - S+ History On-Line Training</td>
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<tr>
<td><strong>US950v</strong> - Virtualization of ABB Systems On-Line Training</td>
<td>800xA/Mod</td>
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<tr>
<td><strong>Z200v</strong> - Control Loop Tuning Methods On-Line Training</td>
<td>QCS</td>
<td>On-Line</td>
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## Quality Control Systems (QCS)

| A331 - Advant Controller 400 Configuration and Operation | 03/04/2024 09/09/2024 |
| C103 - Quality Control Systems - Machine Direction Control | 06/03/2024 |
| C107 - Quality Control Systems - Cross Direction Control | 06/10/2024 |
| C235 - Network Platform with QCS LAN | 03/18/2024 08/19/2024 12/09/2024 |
| C302R6 - Maintaining an Industrial IT Quality Control System with AC800M Controllers Version 6 | 06/24/2024 |
| C311 - QCS Sensor Correlation | 06/17/2024 |
| US192 - ACS880 Multidrive Operation and Maintenance | 04/23/2024 07/09/2024 10/01/2024 |
| US806 - Control Builder, Process Panel, and Drives Integration using AC800M Controllers for ACS880 Drives | 02/12/2024 04/29/2024 07/15/2024 10/07/2024 |

All QCS classes held at the ABB Westerville, Ohio facility.
## System 800xA & MOD

**B425 - Configuring the MOD 300 Database Using Windows**
- 04/29/2024 09/09/24

**T305B - System 800xA Administration and Installation - Blended Learning**
- 03/11/2024 05/06/2024 09/23/2024

**T307 - System 800xA - Batch Management Engineering and Operation**
- 02/26/2024

**T30B - System 800xA - AC800M Hardware Maintenance and Troubleshooting**
- 03/25/2024 06/03/2024 08/19/2024 10/14/2024

**T309 - System 800xA Safety - AC800M High Integrity Configuration and Maintenance**
- 02/12/2024 08/19/2024

**T315C&H - System 800xA - Engineering using Control Builder**
- 02/26/2024 04/08/2024** 06/10/2024 09/09/24 12/09/2024

**T315CB - System 800xA Engineering with ControlBuilder Engineering Tool - Blended Learning**
- 04/01/2024 07/29/2024 11/04/2024

**T315HB - System 800xA Engineering Process Portal A HMI - Blended Learning**
- 04/24/2024 08/05/2024 11/18/2024

**T320 - System 800xA for Advant Master Configuration**
- 03/11/2024 09/16/2024

**T321 - System 800xA for Harmony Configuration**
- 01/29/2024

**T324 - System 800xA for MOD300 Configuration**
- 01/29/2024 05/06/2024 09/16/2024

**US950 - Virtualization for ABB Control Systems Using VMware® ESXi environment**
- 05/20/2024 07/22/2024 10/21/2024

All classes held at the ABB Westerville, Ohio facility unless otherwise noted.

* Class offered at Houston, TX - Westchase  ** Class offered at Houston, TX - Willowbrook  *** Class offered at Cleveland, OH

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## Symphony Plus & Harmony Systems

**M111 - Harmony Rack I/O with Composer**
- 03/11/2024 05/06/2024 07/08/2024 09/23/2024 11/04/2024

**M112B - Prerequisite Option for Composer Engineering Tools - Blended Learning**
- 07/29/2024

**M113B - Prerequisite Option for SPlus Engineering - Blended Learning**
- 07/30/2024

**M114B - Advanced Function Code Configuration – Blended Learning**
- 01/29/2024 04/10/2024 10/23/2024

**M202 - Composer Engineering Software Tools**
- 07/15/2024 12/09/2024

**M301 - Power and Grounding for Distributed Control Systems**
- 04/15/2024

**M304 - Harmony Configuration Strategies**
- 04/30/2024 09/17/2024

**S311 - SD Series - Hardware Configuration**
- 03/04/2024 08/05/2024

**S312 - Symphony Plus Engineering for Harmony**
- 03/18/2024 05/13/2024 09/30/2024 11/11/2024

**S312B - Symphony Plus Engineering for Harmony - Blended Learning**
- 04/15/2024 08/19/2024

**S321R3 - Symphony Plus Operations Version 3 - Basic Configuration**
- 02/05/2024 03/25/2024 07/22/2024 10/07/2024 11/18/2024

**S321R33B - Symphony Plus Operations Version 3.3 - Basic Configuration - Blended Learning**
What is ABB MyLearning?
The ABB University gateway to view upcoming training classes, register to attend classes, attend virtual (on-line training), and manage your Learning Path.

Visiting MyLearning for the first time?
Don’t worry, just check out the tabs available and simply delve into the system.
- Want to register for training? Go to CATALOG tab.
- Need to attend or launch training? Go to MY LEARNING tab.
- Want to check your profile details and certificates? Go to PROFILE tab.
- Experiencing any troubles with signing in or displaying CATALOG content? Review our job aid to find basic troubleshooting tips.
- Register for MyLearning today – It’s FREE! [https://mylearning-americas.abb.com/](https://mylearning-americas.abb.com/)

Be in control
Develop, advance, and refresh your knowledge through hands-on learning.

Learn more about the following:
- Training center information
- Learning Paths
- On-Line training options
- Course Descriptions

### Symphony Plus & Harmony Systems

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Start Date</th>
<th>End Date</th>
<th>Details</th>
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<tbody>
<tr>
<td>S322R33</td>
<td>02/26/2024</td>
<td>06/03/2024</td>
<td>Symphony Plus Operations - Advanced Configuration Version 3.3</td>
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<td>US909</td>
<td>02/21/2024</td>
<td>04/24/2024</td>
<td>Composer to Symphony Plus Engineering Transition</td>
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All classes held at the ABB Cleveland, Ohio facility.

### Process Analytics

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Start Date</th>
<th>End Date</th>
<th>Details</th>
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<tr>
<td>Z400</td>
<td>03/19/2024</td>
<td>07/30/2024</td>
<td>PGC5000 Gas Chromatograph</td>
</tr>
<tr>
<td>Z403</td>
<td>03/25/2024</td>
<td>08/05/2024</td>
<td>PGC5000 Gas Chromatograph - Advanced Topics</td>
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<tr>
<td>Z407</td>
<td>02/27/2024</td>
<td>06/25/2024</td>
<td>Advance Optima Continuous Gas Analyzers (CEMS)</td>
</tr>
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</table>

All classes held at ABB Houston, TX - Willowbrook facility.

ABB Training Locations

**Cleveland, OH**
23000 Harvard Road
Cleveland, OH 44122

**Columbus, OH**
579 Executive Campus Dr.
Westerville, OH 43082

**Houston, TX (Automation)**
Westchase
3700 W Sam Houston Parkway S
Suite 600
Houston, TX 77042

**Houston, TX (Process Analytics)**
6828 Willowbrook Park
Houston, TX 77066