

Technical Training

Honeywell



WEBS-AX™ AND SPYDER® TRAINING
FOR ACI AND ACS MEMBERS

**2010 Honeywell
Technical Training Program**

Be More Competitive

The Honeywell Technical Training Program helps distributors and contractors develop core competencies with the WEBS-AX™ and Spyder® platforms to gain a competitive advantage in the marketplace. The Honeywell ACS/ECC business recognizes that such competency will contribute significantly to our ability to lead and set the standard in quality and customer satisfaction for the controls industry.

The Technical Training Program combines the best of Honeywell's established training efforts and experiences to create a training program that's both simple and effective.

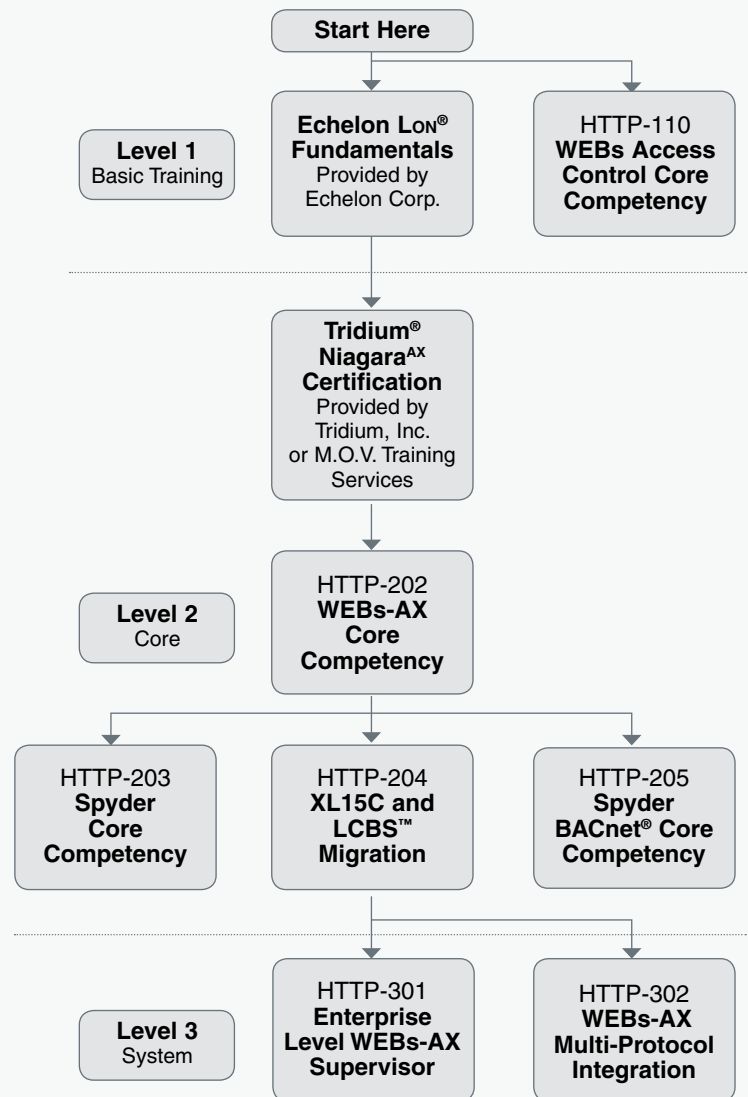
- Develops a standard curriculum for all Honeywell authorized distributors and contractors
- Consistent training methodology ensures core competency
- Proven-effective techniques reduce engineering and jobsite time, reduce callbacks and ensure customer satisfaction

ASD Sponsored Training

For training sponsored and hosted by an Authorized System Distributor, Honeywell provides the instructor, lab equipment, training manuals and lab guides. The ASD provides the training room, lunch and refreshments. You provide yourself and a brain that's ready to learn.



Honeywell Technical Training Program



» Be sure to check out our Online Training Modules at customer.honeywell.com/learning.

Available ASD-Sponsored Honeywell Training Courses

Course HTTP-110 WEBs-AX Access Control Core Competency

Class size: Minimum 8, maximum 12

Length: 2.5 days

Prerequisites: None

Audience: Class starts by introducing the student to Honeywell WEBs-AX Access Control.

Description: After the introduction, the class moves on to discuss system architecture and configuration. Course topics include access control hardware, access control design, access control concepts, system configuration, system installation and system use.

Course HTTP-202 WEBs-AX Core Competency

Class size: Minimum 8, maximum 12

Length: 2 days

Prerequisites: Niagara^{AX} Certification (HTTP-201)

Audience: Class is designed for students already Niagara^{AX} certified.

Description: Class teaches how the Niagara^{AX} tool works the WEBs-AX. Core competency course focuses on the process of implementing a Honeywell product specific job. Topics include system architecture, platforms, stations, LON networks, WEBs-AX wizards, alarming, email, history and graphics.

Course HTTP-203 Spyder Core Competency

Class size: Minimum 8, maximum 12

Length: 2 days

Prerequisites: Mandatory: Niagara^{AX} Certification (HTTP-201)
Recommended: WEBs-AX Core Competency (HTTP-202)

Audience: Class is designed for students already Niagara^{AX} certified.

Description: Class starts by introducing the student to the Honeywell Spyder series of programmable unitary controllers and advances to job implementation. The class topics include specifications, architecture, commissioning, function blocks, simulation, debugging, downloading, LON network variables, proxy points, time schedules, applications, macros and sample programs.

Course HTTP-204 XL15C and LCBS Migration

Class size: Minimum 8, maximum 12

Length: 2 days

Prerequisites: Mandatory: Niagara^{AX} Certification (HTTP-201)
Recommended: WEBs-AX Core Competency (HTTP-202)

Audience: Class is designed for students already Niagara^{AX} certified.

Description: Class introduces the student to the Honeywell XL15C Controller and continues on to using the Honeywell XL15C Wizard Tool to develop applications. The class also focuses on the process of migrating an existing Honeywell LCBS job into a full WEBs-AX System. The class topics include specifications, architecture, commissioning, downloading, control objects, connectivity objects, LON object folders, LON network variables, proxy points, time schedules, flex loops, logic loops and network data IO.

Course HTTP-205 Spyder BACnet Core Competency

Class size: Minimum 8; Maximum 12

Length: 3.0 days

Pre-Requisites: Mandatory: Niagara^{AX} Certification (HTTP-201)
Recommended: WEBs-AX Core Competency (HTTP-202)

Audience: Class is designated for students already Niagara^{AX} certified. HTTP-203 Spyder LON Core Competency is not a pre-requisite to attend.

Description: Class topics include controller specifications, BACnet architecture, device addressing, function blocks, simulation, debugging, macros, applications, BACnet objects, proxy points, time schedules, Spyder library, priority array, Zio™ wall module, VAV balancing, Spyder migration, Spyder alarms, and sharing LON and BACnet applications between devices.

Course HTTP-301 Enterprise Level WEBs-AX Supervisor

Class size: Minimum 8, maximum 12

Length: 3 days

Prerequisites: Mandatory: Niagara^{AX} Certification (HTTP-201)
Recommended: WEBs-AX Core Competency (HTTP-202)
Field Experience

Audience: Class is designed for students already Niagara^{AX} certified and who have Honeywell WEBs field experience.

Description: Class builds on the WEBs-AX core competency class, taking a single WEBs Controller System and expanding it into an Enterprise Level Multiple WEBs Controller System. The class topics include specifications, architecture, platforms, stations, Niagara^{AX} network, station discovery, network user accounts, supervisor proxy points, supervisor schedules, supervisor alarming, supervisor history collection, BQL query builder and system reporting.

Course HTTP-302 WEBs-AX Multi-Protocol Integration

Class size: Minimum 8, maximum 12

Length: 3 days

Prerequisites: Mandatory: Niagara^{AX} Certification (HTTP-201)
Recommended: WEBs-AX Core Competency (HTTP-202)
Extensive Field Experience

Audience: Class is designed for students already Niagara^{AX} certified and who have extensive Honeywell WEBs field experience.

Description: Class covers the most popular HVAC protocols in use today and how to integrate them into the Honeywell WEBs-AX System. The class topics include BACnet architecture, BACnet server, BACnet client, BACnet objects, Modbus® architecture, Modbus networks, Modbus master and slave, Modbus registers, LONWORKS® IP, LONWORKS routing, LONWORKS network tuning and OBIX.

Use Your Contractor PRO™ Points to Get Trained on Using Honeywell Products

This is a great way for ACI and ACS contractors to redeem their Contractor PRO points.

» Equipment Requirements

Students provide their own laptop computers. Honeywell will provide the appropriate demo board for training.

» How to Register

Training is limited, so contact your local ASD to schedule a course.

Automation and Control Solutions

In the U.S.:

Honeywell

1985 Douglas Drive North
Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited

35 Dynamic Drive

Toronto, Ontario M1V 4Z9

www.honeywell.com

63-9889 PM
February 2010
© 2010 Honeywell International Inc.



Honeywell