
Motion Academy Training Center United States

Educational Offering





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Motion Academy Training Center (U.S.)

Your gateway to an advanced training experience



ABB Drives (U.S.) offers a new learning experience designed for the current digital era. It includes live remote training, hosted remotely by qualified ABB trainers, for channel partner authorization and end user programs.

We ship our equipment, along with printed training materials, to your facility. Students complete hands-on exercises for each program to fulfill the authorization requirements.

Our learning objectives



Enhance your knowledge and improve your competence on ABB drive products.



Improve your troubleshooting skills through hands-on exercises.

Our goal



Complete all hands-on exercises required for ABB drives authorizations.



Gain expertise and learn techniques that are not found in product manuals.

Learn how to apply safe electrical practices with real-world impact.

Our team



Provides qualified, experienced, and authorized trainers



Supplies end users with knowledge enabling them to install and commission drives.

Offers hands-on experience using real equipment.

Program Offerings via Live Remote Training

ACH580 ASU/I&C

ABB HVAC Training Handbook

How does our live remote training work?

Authorized Startup and Installation & Commissioning

This training is a blended solution of eLearning and hands-on exercises delivered through the Motion Academy Training Center (U.S.)



Students must complete all the e-learning prerequisites for each program before the instructor-led class.



The live remote training (hands-on portion) must be scheduled in advance. Logistic details will be coordinated with trainees.



We deliver equipment along with printed material for students to use to complete each program. Each set of equipment can be used for one or two students. They can alternate performing the exercises, just as they would in a classroom session.



The hands-on activities will be supervised by the trainer, remotely, and the interaction will be a live, open dialogue format.



Live remote training provides validation for the given authorizations. Certificates will be available to each student who has completed all the requirements for the certificate.

Live Remote Training

Details and Pricing

Product	Name	Duration (Days)	Price (USD)*
ACH580	ACH580 Authorized Startup	2	\$ 625 *
	ACH580 Install & Commissioning		\$ 625

Pricing is per program, per student. Additional costs may apply.

*Authorized Channel Partner price discounts may apply.

** Available to Channel Partners only

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“How to” Instructions

Click link(s) below to view the “how to” instructions for creating a training account, enrolling in a program, and/or completing online training.

- [How to Create a Training Account](#)
- [How to Enroll in a Program](#)
- [How to Complete Online Training](#)

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In-Person Classroom Training Details and Pricing

ON HOLD

We will offer face to face training when ABB deems
it is appropriate to return to in person classes

Program Descriptions

ACH580 ASU/I&C

Authorized Startup Installation & Commissioning

Program Goal

Provides participants with the information, skills, tools, and training necessary to be self-sufficient when assessing and properly installing the ACH580 VFD with and without E-Clipse bypass. This includes configuring, tuning, and performing complete commissioning services for the drive.

Program Objectives

Upon successful completion of this program, participants will be able to:

- Apply basic safe work practices for installation and commissioning of LV Drives
- Identify the risks associated with LV Drives
- Identify proper ACH580 hardware mounting details for various drive frame sizes
- Apply best wiring practices for ACH580 electrical connections for the motor voltage and for control I/O
- Commission an ACH580, including communications
- Perform basic commissioning fault diagnostics and quickly correct installation issues on site

Program Type and Description

This curriculum is 16 hours (2 days) using a combination of eLearning and live remote instructor-led training, including approximately 55% hands-on lab exercises.

Student Profile

The program is intended for ABB authorized channel partners that have experienced working with and installing LV Drives. Students who complete the Authorized Start-Up program are responsible for installation and technical services related to maintaining LV Drives.

Prerequisites

Participants must:

- Have experience working with power electrical equipment and voltage levels of up to 690Vac
- Have an understanding of basic motor control and LV AC Drives
- Have operational knowledge of the ACH580 product
- Be competent with Microsoft Windows® computers
- Have familiarity with PC-based drives commissioning tools
- Have completed all associated eLearning modules prior to enrolling in the instructor-led classroom training

Duration – 2 days

Terms and Conditions

Live Remote Training Offerings

Enrollments

Students should enroll in the desired Program via the Training System. If you do not have a Training Account set up, click the 'Register a New User' link within the system. Allow up to 1 business day for Channel Partner access, if needed. Once enrolled in the program, you will receive a registration confirmation e-mail. Each of the programs have online prerequisites that need to be completed prior to enrolling in the live remote instructor-led training.

Instructor-led Class

Typically, training days start at 8:00 a.m. and end at 5:00 p.m., local time, unless otherwise stated. Breaks and lunch are part of the agenda, depending on the length of the class.

eLearning

Many programs have prerequisites (eLearning courses) to complete. Students are required to complete all prerequisites prior to enrolling in live remote training class. Please note: eLearning materials are not covered during classroom programs but are required for successful participation in the hands-on exercises.

Cancellation

Student cancellations received thirteen (13) business days (3PM CST) before the start of class will not be billed (full reimbursement of tuition).

Student cancellation received twelve (12) business days or less before the start of class will be billed for full tuition (no reimbursement of tuition). Cancellation Policy

Program prices

Each program has a fixed price per student.

Included in the price

Online courses, equipment shipping, student materials, and live remote training.

Not included in the price

Meals for the students

Requirements

Customer must ensure that the students have a proper and safe room in order to use the equipment. In addition, a stable internet connection is required as well as LOTO lock and proper PPE.

Certificate of Completion

Students will be able to print a certificate of completion once the entire program has been completed.

Reserved rights

ABB has all rights reserved on all documents given to students during the program. These documents will be used only to fulfill each program's requirements and shall not be copied nor replicated.

Equipment

All equipment must be inspected upon receipt. Customer is held responsible for the condition of the equipment.

Customer must ensure that all equipment is shipped to the next location no later than one (1) business day after the live remote training has ended.

Equipment must be shipped in the same condition as received. In case any damage due to transportation is noticed, customer is responsible for notifying Motion Academy Training Center – U.S. (drivestraining@us.abb.com or 262-785-3260), immediately after the equipment is received; with supporting photographs showing the damage. Otherwise, if such damage is not notified, or the equipment is damaged under customer's responsibility, full price of the equipment will be invoiced to the customer.

Motion Academy Training Center U.S.

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