

CURRICULUM DESCRIPTION US9100

Internal Drives Seminar Training

Introduction to ABB and the Motion Division

Tuition Fee

Tuition is No Charge for ABB Employees
Tuition is No Charge for authorized Channel Partners.

Description

The Internal Drives Seminar is designed to engage participants in understanding the ABB Organization, the Motion Division, and Drives business. Students will learn the history of ABB and basic electrical theory and how drives operate.

Student Profile

This program is intended for ABB employees or contractors. Channel partner employees are welcome to gain learning outlined in Learning Objectives.

Training Type and Duration

This curriculum is 4 hours (0.5 days) using an optional choice of Instructor-led Live Remote or in-person classroom training, including approximately 25% hands-on lab exercises. Only the in-person option provides students with access to the hands-on lab exercise.

Prerequisites

A desire to learn more about ABB and the Motion Division!

Goal

To provide students with the necessary information and knowledge to be an effective employee or partner of ABB. Students will learn who ABB is, our history, the products we offer, and how they work on a basic level.

Learning Objectives

Upon successful completion of this training, participants will obtain ...
... Knowledge of ABB and the divisions which comprise the organization
... The history of ABB
... Understanding of the Motion Division, the products we offer, and how we go to market
... Beginner understanding of what a Drive is
... A Basic understanding of electricity and how the Drives manipulate it to provide power to a motor
... Real-world examples of where you can find Drives and what they do

Student Materials

Upon completion each student will receive a Student manual with all presentations and exercises.

Training locations and scheduling

For a schedule of other training opportunities please visit the Drives, PLC and Motion Training website at:
<http://new.abb.com/service/training/abb-university/united-states/drives>.

Agenda

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| Classroom Instructor Led Training (ILT) |
| Day 1 - 8:00 a.m. ~ 12:00 p.m. |
| • Welcome and Introduction |
| • ABB Overview – Structure of the Company |
| • ABB Overview – Divisions Overview |
| • ABB Overview – Motion Division Overview |
| • Motion Division – How we go to Market |
| • Training Overview – How to Access Training |
| • Electrical Overview – Basic Theory |
| • Electrical Overview – Basic Drive Theory |
| • Drive Application Examples |
| • Lab: Basic Familiarization ACS580 (Only accessible for in-person attendees) |
| • Wrap-up/Class Evaluations |

Note: Students will have access to ABB provided laptop with software and tools used in the training at no additional cost. Students who wish to use their own PC's for training are required to purchase, install, and test the current software versions prior to attending a classroom training event. ABB will not troubleshoot student owned PC's.

