**G310**  
**ABB Standard Drive ACS310 Operation and Startup Hands-on Training**

**Course Type and Description**  
Classroom course with hands-on lab activities led by an instructor.

This contains hands-on exercises with ACS310 units. This course belongs to a learning path that utilizes blended learning.

**Course Duration**  
The course duration is 1 day. Theory part of the course is in e-learning course G310e (prerequisite).

**Student Profile**  
This course is intended for electricians, technicians, and engineers, who install, operate and service ACS310 drives.

**Course Goal**  
The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS310 drive.

**Main Topics**  
- Assistant Control panel (ACS-CP-A) functions  
- Mechanical Installation and the cabling  
- Commissioning and maintenance  
- Pump specific features  
- DriveWindow Light, commissioning and maintenance tool operations

**Prerequisites**  
- Prior to attending this course, students should have  
- Basic knowledge of electronics / electricity  
- Experience in using PCs in the Windows environment  
- Completed the Internet course G310e, ACS310 Standard drive Fundamentals

**Course Objective**  
Upon completion of this course, students will be able to:  
- Do commissioning of the ACS310 drive.  
- Operate and maintain the ACS310 drive.  
- Activate pump specific features.
Day 1

08:30  Course Information
08:40  Exercise 1
09:30  Coffee Break
09:45  Exercise 2
10:45  Exercise 3
11:45  Lunch
12:30  Exercise 4
13:30  Exercise 5
14:30  Coffee Break
14:45  Finishing up the Course + FlashDrop Demo
16:00  End of the Day

Exercises during the course are the following:

- Installation, start-up and parameter back-up exercises
- Pump specific features exercises
- Application macro, Assistant control panel and Timed functions exercises
- DriveWindow Light 2.x exercises
- AC Drive basics and Drive Control exercises