Course description

G165 – ACS550 Single Drive Operation & Maintenance

Course goal
The goal of this course is to teach students to install, start-up, adjust, operate, maintain, trouble-shoot and repair the ACS550 standard drive.

Learning objectives
Upon completion of this course, students will be able to:
- Install and commission the ACS550 standard drive
- Trace and correct faults
- Operate and maintain the ACS550 standard drive

Participant profile
This contains hands-on exercises with ACS550 units. This course belongs to a learning path that utilizes blended learning. Please see the accompanying figure of possible learning paths.

Prerequisites
Prior to attending this course, students should have
- Basic knowledge of electronics
- Experience in using PCs in the Windows environment
- Course G165e. For course names and durations, please refer to the accompanying figure of learning paths.

Topics
- Locating and identifying terminals, boards and other components with the circuit diagrams
- Assistant Control panel functions
- Installation
- Commissioning
- Fault tracing and maintenance
- DriveWindow Light commissioning and maintenance tool operations

Course type and methods
Classroom course with hands-on lab activities led by an instructor.

Duration
The duration is 2 days.

To enrol on-line visit:
www.abb.com/Abbuniversity/courses.aspx
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G165 – ACS550 Single Drive
Operation & Maintenance

ACS550 Standard Drive Learning Path

<table>
<thead>
<tr>
<th>Course name</th>
<th>Duration</th>
<th>Course code</th>
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</thead>
<tbody>
<tr>
<td>ACS550 Standard Drive Fundamentals Internet course</td>
<td>0.5-1 days*</td>
<td>G165e</td>
</tr>
<tr>
<td>G165 ACS550 Standard Drive Start-Up, Maintenance and Service Hands-On Training</td>
<td>1 day</td>
<td>G165</td>
</tr>
<tr>
<td>G352 FlashDrop and DrivePM Operation and Programming Internet course</td>
<td>0.5 day*</td>
<td>G352e</td>
</tr>
<tr>
<td>G352 FlashDrop and DrivePM Operation and Programming</td>
<td>0.5 day</td>
<td>G352</td>
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Legend:
- FlashDrop and DrivePM Operation and Programming
- Internet course

* The duration of the Internet courses depends on personal professional background and study pace.

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