Course description

G158
ACS800 Single Drive/Multidrive DriveAP Programming

Course Type
Classroom course

Course Duration
The course duration is 2 days.

Course Goal
The goal of this course is to teach students to create, modify and use adaptive programs with ACS800 standard and multi-block software.

Student Profile
This course is intended for electricians, technicians, and engineers, who commission, install, operate and service ACS800 drives.

Prerequisites
- Course G152, G156, G160 or G161. For course names and durations, please refer to the accompanying figures of learning paths.

Description
This course belongs to a learning path that may utilize blended learning. Please see the accompanying figure for possible learning paths.

Course Objectives
Upon completion of this course, students will be able to:
- Create and modify adaptive programs for ACS800 drives
- Create and modify adaptive programs for ACS800 with multiblock software
- Activate and test the programs with ACS800 drives

Main Topics
- DriveAP Tool presentation
- Creating adaptive programs with the DriveAP Tool
- Modifying adaptive programs with the DriveAP tool
- Testing the programs with the DriveAP Tool
- Multiblock Program presentation
- DriveAP Tool operations with ACS800 standard software
- DriveAP Tool operations with ACS800 multiblock software
Course agenda

G158
ACS800 Single Drive/Multidrive
DriveAP Programming

Day 1

09:00  DriveAP presentation with ACS800
       Singledrive software

09:45  Break

10:00  Exercises

12:00  Lunch

13:00  Exercises

14:00  Break

14:15  Exercises

16:00  End of day 1

Day 2

08:30  DriveAP presentation with ACS800
       Multiblock software

09:15  Break

09:30  Exercises

12:00  Lunch

13:00  Exercises

14:00  Break

14:15  Exercises

16:00  End of the course
Learning path
G158
ACS800 Single Drive/Multidrive Learning Paths

<table>
<thead>
<tr>
<th>Course name</th>
<th>Duration</th>
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<tbody>
<tr>
<td>ACS800 Single Drive Fundamentals</td>
<td>1 day</td>
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<tr>
<td>ACS800 Multidrive Fundamentals</td>
<td>1.5 days</td>
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<tr>
<td>ACS800 Single Drive Hands-On Training</td>
<td>2 days</td>
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<tr>
<td>AC800 Multidrive Hands-On Training</td>
<td>3 days</td>
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<tr>
<td>AC800 Single Drive Internet Course</td>
<td>2 days</td>
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<td>AC800 Multidrive Internet Course</td>
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Would you like to take a course via the Internet?

Yes

No

Do you have knowledge of ACS600 single drives?

Yes

No

ACS800 Single Drive Fundamentals

1 day

G152

ACS800 Single Drive Hands-On Training

2 days

G152B

ACS800 Single Drive Internet course

1-2 days*

G152e

ACS800 Drives

2 days

G158

ACS800 Drives

Motion Control

2 days

G170

ACS800 Drives

Intelligent Pump Control

2 days

G171

ACS800 Drives

Winder/Inline Control

2.5 days

G172

ACS800 Drives

Template Control

2 days

G173

ACS800 Drives

PCP/ESP & Rod Pump Control

2 days

G174

ACS800 Drives

Crane Control

2.5 days

G175

ACS800 Drives

Multidrive Control Section AC300M Operation and Maintenance

2.5 days

G162

ACS800 liquid-cooled drives Hands-On Training

1 day

G163A

ACS800 liquid-cooled drives Internet course

1-2 days

G163e

ACS800 Drives

2.5 days

G161

ACS800 Drives

2.5 days

G160

ACS800 multidrive Control Section AC300M Operation and Maintenance

2.5 days

G162

Low voltage drives training
ABB University Finland, Helsinki Training Center
Helsinki.abbuniversity@fi.abb.com
www.abb.com/abbuniversity

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