

ABB UNIVERSITY, HELSINKI TRAINING CENTER

# Drives courses

## Course schedule 2020



# Welcome to Helsinki Training Center to enhance your technical competence!

We offer hands-on training for ABB low voltage drives. The course schedule for 2020 is presented on the right. Also, ask for other courses – we are happy to make an offer on them according to Your needs.

## Scheduled courses

### Enrollments

There are three ways to enroll for a course: via MyLearning, through our web pages or by e-mail. To ensure your participation, we recommend you sign up as early as possible, since the number of participants per course is limited and enrollments are accepted in the order of arrival. Please remember to mention any requirements for vegetarian or other special diets. Once your enrollment is completed you will receive a registration notification e-mail from MyLearning. Some courses have prerequisites, such as other classroom courses and/or e-learning, which are defined in the course descriptions available in MyLearning.

Please see the latest training schedule updates in MyLearning.

### Confirmation and course program

Approximately four weeks in advance you will receive a course confirmation from Helsinki ABB University, including times and details about the program. Normally training days start at 9:00 a.m. and end by 4:00 p.m. Coffee and lunch are included in the fee. A course may be cancelled due to low enrollment, i.e. less than 4 participants. For any other cancellation reason Helsinki Training Center informs well in advance.

### E-learning

Many courses have a self-study prerequisite of theory-based e-learning. The price for e-learning will be added to the classroom course price.

Please note, that e-learning materials are not covered during classroom courses. For successful participation in the hands-on exercises it is mandatory to complete the related e-learning.

### Cancellation

Please inform your cancellation as soon as possible to enable other students to sign up for the course. Your enrollment can be transferred to another person in your organization. However, please note the prerequisites.

### You may cancel the course until:

Time of cancellation	Charge
More than 4 weeks before the course start	At no charge
Until 3 weeks before the course start	Half of the course price will be charged
Less than 3 weeks before the course start	Full course price will be charged
No show	Full price

### Course prices

Helsinki Training Center prices are available in MyLearning. Please login to MyLearning for further details.

A minimum number of 4 participants is required to arrange the training. If there is a need to arrange a course with less than 4 participants, availability and price will be checked case-by-case. All training requests for groups are handled by local ABB. e-Learning have a separate charge of 300 euros per course when enrolled via Helsinki Training Center.

### On-request courses

On-request courses can be arranged to a specific group either in Helsinki Training Center or on-site. On-request courses are always offered separately, and the price depend e.g. on the level of tailoring required. Some examples of on-request courses are listed on the right.

### Reservations

We reserve the right to change course schedules, programs and contents. Scheduled courses can be cancelled due to low enrollment (less than 4 participants) or other conditions. Also, a maximum number of participants is defined for each training course, in order to meet safety and quality standards. Depending on the course, the maximum number of participants varies between 6-8 persons.

## Course schedule 2020

### Scheduled Courses

Product	Code	Name	Duration (days)	Starting date
ACS580	G390	ACS580 basics hands-on	1.5	10.3./7.9.
ACx580	G391	ACx580-07 basic maintenance hands-on	0.5	12.3./9.9.
ACH580	G3590	ACH580 basic hands-on	1	9.3./10.9.
ACS880	G380	ACS880 operation, startup and basic maintenance, hands-on	1	24.2./31.8./2.11.
	G384	ACS880-04 and -07 operation, startup and basic maintenance hands-on	1	25.2./25.5./1.9./3.11.
	G384A	ACS880-14/-34 basic maintenance hands-on	0.5	26.2./26.5./2.9./4.11.
	G3880	ACS880 multidrive w/o ACS880 basics, hands-on	0.5	26.2./26.5./2.9./4.11.
	G3851	ACS880 functional safety configuration with FSO	1.5	4.3./27.5./10.11.
	G3852	Encoder safety functions with FSO and FSE safety encoder interface module	0.5	5.3./28.5./11.11.
	9CSC009791	ACS880 Drive Application Builder for IEC 61131-3 (G3862), hands-on	2	18.5.
Several	9CSC006268	Functional safety with FSPS-21 and STO testing (G3859), hands-on	0.5	13.3./29.5./12.11.

### On-Request Courses

Code	Name	Duration (days)
FI203	SAMI MEGASTAR AFTER CONTROL UPGRADE User, maintenance and service course	3.5
G101	AC-Drive basics	1
G152	ACS800 single drive, startup and basic maintenance hands-on (English/Finnish)	2
G156	ACS800-X7 single drive, startup, maintenance and service hands-on (English/Finnish)	2
G160	ACS800 multidrive startup, maintenance and service hands-on (English/Finnish)	1.5
G161	ACS800 multidrive, operation and maintenance (English/Finnish)	2.5
G162	ACS800 multidrive, control section AC800M, operation and maintenance (English/Finnish)	2.5
G163	ACS800 liquid-cooled drives, hands-on	1
G164	ACS800-77LC, operation and maintenance (without e-learning)	2
G1641	ACS800-77LC, operation and maintenance (with e-learning)	1
G165	ACS550 startup and basic maintenance hands-on	1
G1750	ACS880 crane control program (+N5050)	2
G185	ACS800-87 LC, startup, maintenance and service hands-on	2
G190	ACSM1 Machinery Drive, Start-up and Service, hands-on	1
G191	ACSM1 machinery drive, motion control, hands-on	1.5
G192	ACSM1 solution program composer, hands-on	1
G340	Function chart builder (FCB), programming for AC80	3
G358	ACS380-04 basics hands-on	1
G3881	ACS880 multidrive with ACS880 basics, hands-on	1
G640	ACQ580-01 basics hands-on	1
G650	ACS850 startup and service, hands-on	2

Note! You can find more courses in the MyLearning (see page 4) or you can contact Helsinki Training Center. All courses are not listed here.



---

**ABB University Finland  
Helsinki Training Center**

**Street address**

ABB Oy, Drives  
Training Center  
Strömbergintie 1 Aa  
FI-00380 Helsinki  
FINLAND

**Mailing address**

ABB Oy, Drives  
Training Center  
P.O. Box 116  
FI-00381 Helsinki  
FINLAND

[helsinki.abbuniversity@fi.abb.com](mailto:helsinki.abbuniversity@fi.abb.com)

**[new.abb.com/service/abb-university/  
finland/helsinki-training-center](http://new.abb.com/service/abb-university/finland/helsinki-training-center)**



---

**Further information on  
the course schedules and offering**

**Internet**

[new.abb.com/service/abb-university/finland/helsinki-training-center](http://new.abb.com/service/abb-university/finland/helsinki-training-center)

General information on training, instructions on how to arrive to Helsinki Training Center and recommended hotels can also be found on the Internet page.

**ABB MyLearning**

[mylearning.abb.com](http://mylearning.abb.com)

In MyLearning you will find all ABB course offerings globally.  
You can use it to find course schedules, course descriptions and agendas;  
you can also enroll for the courses via MyLearning.

More instructions you can find on our homepage,  
[new.abb.com/service/abb-university/finland/helsinki-training-center](http://new.abb.com/service/abb-university/finland/helsinki-training-center)