

ABB UNIVERSITY SWITZERLAND

COURSE PORTFOLIO 2023

Learning Center Mining, Aluminium and Cement

Course registration

The online registration can be done via <https://mylearning.abb.com>. Go to the catalog and enter the course number in the Search field. Any scheduled classes of that course will be listed. Please note, to be able to register to any of these classes you need to be logged in.

In this e-brochure, the online registration can also be accessed by clicking on the respective course date.

There is also the option to ask for our enrollment form by sending your request to minerals.training@ch.abb.com.

Course descriptions

A description of each course can be found on our [Web page](#).

If you follow the online registration process described above, you will also find a link to the course description in the class details.

In this e-brochure, the course description can also be accessed by clicking on the course names listed below.

Course prices

Please, contact our learning center to find out about the course prices.

Cancellation conditions

Except where otherwise stated, no fee is to be paid if the cancellation is received 21 calendar days prior to the start of the course. Thereafter 50% of

the course fee is charged. For cancellation received up to 7 calendar days before the start of the course the full fee becomes due.

Please note, standard courses may be cancelled due to lack of participants. In this case you will be informed in time.

Course delivery

We offer

1. Classroom training in our learning center in Baden-Daettwil, Switzerland
2. Classroom training on-site at your plant or any other appropriate location near you
3. Web-based training (virtual classroom training) using a remote learning platform

Note, all the scheduled training courses mentioned below take place in our learning center in Switzerland.

Terms and conditions

We refer to our [terms and conditions](#) which can also be downloaded from our [Web page](#) or which might have been sent to you with this course portfolio.

Address of our learning center

ABB Switzerland Ltd.

LC Mining, Aluminium and Cement

Segelhofstrasse 1K

CH-5405 Baden-Daettwil

Phone +41 58 586 75 26

E-mail minerals.training@ch.abb.com

Web <http://new.abb.com/service/abb-university/ch/lc-cmm>

Editorial



Vision

ABB University enhances the productivity of businesses and individuals for its customers and employees by making learning a valuable experience.



Instructors

All our instructors are product or system experts and very experienced in their field of work. In addition to their engineering knowledge they are capable of didactics and training methodology.



Scheduled classes

In our scheduled standard courses the trainees will gain practical experience using available tools and techniques by doing practical exercises. All of our standard courses are conducted in our future proof learning center in Daettwil, Switzerland.



Tailored classes (on request)

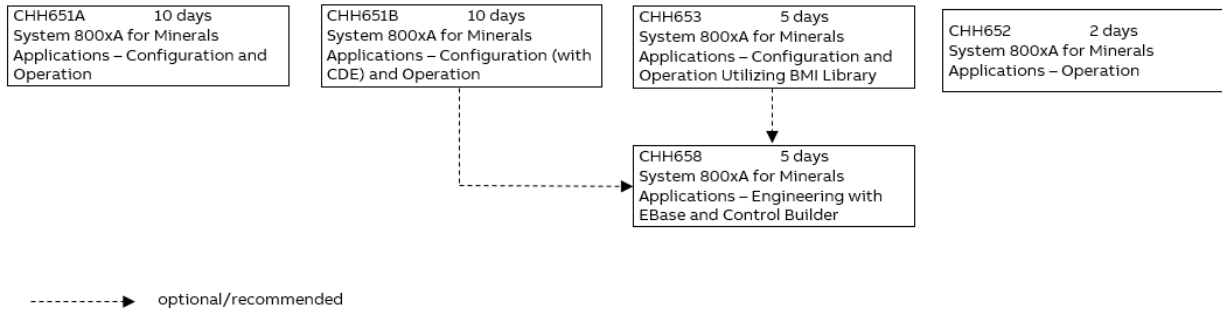
The training can be held in our learning center in Switzerland, on-site at customer's facilities or remotely using a cloud solution. The program and content can be adapted according to your needs and requirements. All information related to your project will be used to run a custom-tailored training.

Course portfolio

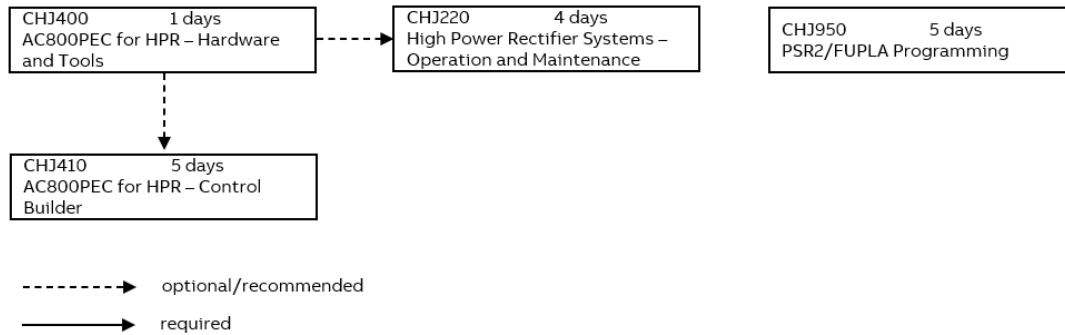
No.	Course title	Duration	Date
Collaborative Production Management (CPM) Courses			
CHH610	<u>Expert Optimizer – Fundamentals and Control Strategies</u>	5 days	<u>17.04. – 21.04.2023</u> <u>25.09. – 29.09.2023</u>
CHH611	<u>Expert Optimizer – Advanced Toolkit Engineering</u>	5 days	<u>24.04. – 28.04.2023</u> <u>02.10. – 06.10.2023</u>
CHH616	<u>Knowledge Manager – Application Engineering</u>	5 days	on request
CHH619	<u>Knowledge Manager and LIMS – Application Engineering</u>	5 days	<u>20.02. – 24.02.2023</u> <u>19.06. – 23.06.2023</u> <u>18.09. – 22.09.2023</u> <u>20.11. – 24.11.2023</u>
Gearless Mill Drive (GMD) Courses			
CHH622	<u>GMD Ring Motor – Operation and Maintenance (Theoretical)</u>	3 days	on request
CHH624	<u>Gearless Mill Drive – Operation and Maintenance</u>	5 days	on request
CHH625	<u>GMD Ring Motor – Operation and Maintenance (Theoretical and Practical)</u>	5 days	on request
CHH627	<u>Gearless Mill Drive – PSR2 Controller</u>	3 days	on request
CHH629A	<u>System 800xA – GMD Applications with Control Module</u>	5 days	on request
CHH629B	<u>System 800xA – GMD Applications with CDE</u>	5 days	on request
CHH634	<u>GMD Ring Motor – Stator Winding Troubleshooting (Theoretical)</u>	2 days	on request
CHH635	<u>GMD Ring Motor – PD Online Measurements with TMS6141</u>	1 day	on request
Low Voltage Drive Courses			
CHH641	<u>ACS800 – Operation and Maintenance</u>	3 days	on request
CHH643	<u>ACS880 – Operation and Maintenance</u>	3 days	on request

No.	Course title	Duration	Date
Ring-Geared Mill Drive (RMD) Courses			
CHH647	<u>Ring-Geared Mill Drive System – Operation and Maintenance</u>	3 days	on request
CHH648	<u>Ring-Geared Mill Drive System with E-house – Operation and Maintenance</u>	4 days	on request
System 800xA Courses			
CHH651A	<u>System 800xA Applications for Minerals – Configuration and Operation</u>	10 days	on request
CHH651B	<u>System 800xA Applications for Minerals – Configuration (with CDE) and Operation</u>	10 days	<u>04.09. – 15.09.2023</u>
CHH652	<u>System 800xA Applications for Minerals – Operation</u>	2 days	on request
CHH653	<u>System 800xA Applications for Minerals – Configuration and Operation Utilizing Minerals Library</u>	5 days	<u>06.02. – 10.02.2023</u> <u>12.06. – 16.06.2023</u> <u>27.11. – 01.12.2023</u>
CHH658	<u>Engineering Base (EBase) – System 800xA Application for Minerals (for ABB employees only)</u>	5 days	<u>19.06. – 23.06.2023</u>
Medium Voltage Power Distribution			
CHH670	<u>MV Relays – Relion Series</u>	3 days	<u>12.06. – 14.06.2023</u> <u>16.10. – 18.10.2023</u>
High Power Rectifier (HPR) Courses			
CHJ210	<u>High Power Rectifier Systems – Service and Commissioning (for ABB employees only)</u>	5 days	on request
CHJ220	<u>High Power Rectifier Systems – Operation and Maintenance</u>	4 days	<u>17.04. – 20.04.2023</u> <u>02.10. – 05.10.2023</u>
CHJ400	<u>AC800PEC for HPR – Hardware and Tools</u>	1 day	<u>21.04.2023</u> <u>06.10.2023</u>
CHJ410	<u>AC800PEC for HPR – Control Builder</u>	5 days	<u>24.04. – 28.04.2023</u> <u>09.10. – 13.10.2023</u>
CHJ950	<u>PSR2/FUPLA2 Programming</u>	5 days	on request

Learning path for System 800xA



Learning path for High Power Rectifier (HPR)



Learning path for Expert Optimizer



Training options for Gearless Mill Drive (GMD)

Electrical

CHH624 5 days
Gearless Mill Drive – Operation and
Maintenance

CHH629A 5 days
System 800xA – GMD Applications
with Control Module

CHH629B 5 days
System 800xA – GMD Applications
with CDE

CHH634 2 days
GMD Ring Motor – Stator Winding
Troubleshooting (Theoretical)

CHH635 1 day
GMD Ring Motor – PD Online
Measurements with TMS6141

Mechanical

CHH622 3 days
GMD Ring Motor – Operation and
Maintenance (Theoretical)

CHH625 5 days
GMD Ring Motor – Operation and
Maintenance (Theoretical and Practical)

CHH634 2 days
GMD Ring Motor – Stator Winding
Troubleshooting (Theoretical)