ABB University Switzerland
Learning Center Cement, Minerals and Mining
Program and Course Portfolio 2017

Course registration

The online registration can be done by clicking the following link: http://www.abb.com/AbbUniversity/Courses.aspx. Enter the course number in the field "Keywords", click on OK and select the required course from the search results. You will be directed to a page where all scheduled sessions of the selected course are listed and where the registration process can be started. If you register for the first time, follow the instructions in the online registration guide which can also be downloaded from our Learning Center Cement, Minerals and Mining Web page.

In this e-brochure, the online registration page 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 following the online registration process described above. The link to the selected course description is included in the registration page.

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

Course delivery

We offer 1) classroom training in our learning center in Baden-Daettwil, Switzerland 2) classroom training on-site at your plant or in 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.

Course prices

Please, contact our learning center to find out about the course prices. The prices might vary depending on how the courses are delivered.

Cancellation conditions

Except where otherwise stated, if the cancellation is received 21 to 7 calendar days prior to the start of the course 50% of course price will be charged. Less than 7 calendar days prior to the start of the course 100% of course price will be invoiced.

Terms and conditions

We refer to our terms and conditions which can also be downloaded from our Learning Center Cement, Minerals and Mining Web page or which might have been sent to you with this course portfolio.

Basic courses

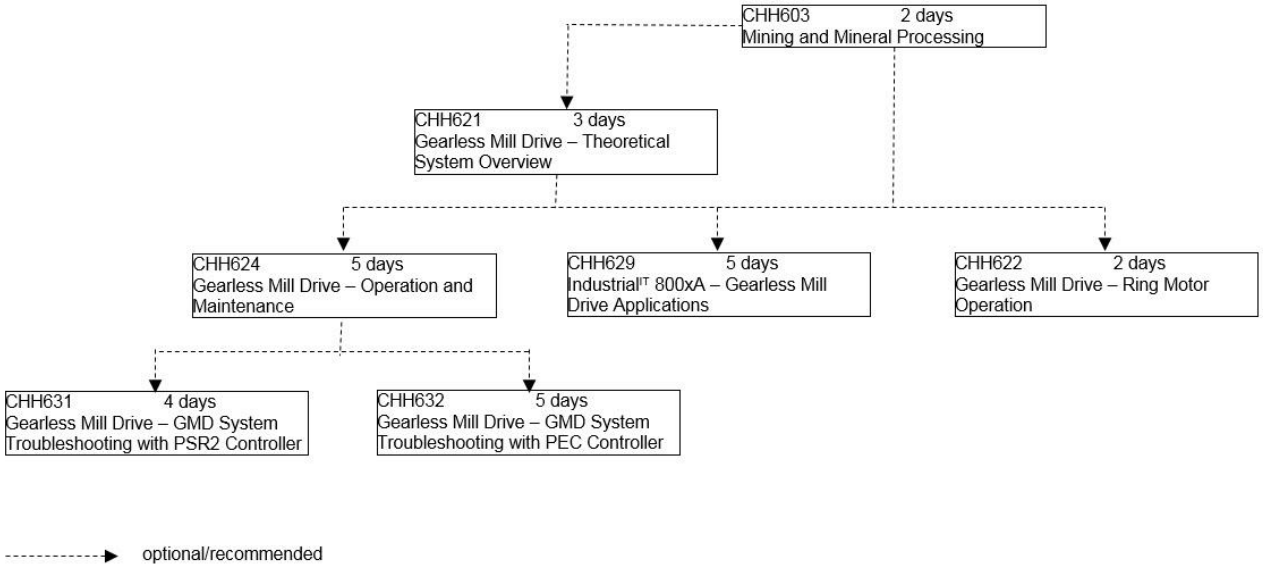
Course	Description	Duration	Date
CHH603	Mining and Mineral Processing	2 days	02.03. - 03.03.2017 07.09. - 08.09.2017
CHH604	Cement Mineral Processing	2,5 days	27.02. - 01.03.2017 04.09. - 06.09.2017

Product courses

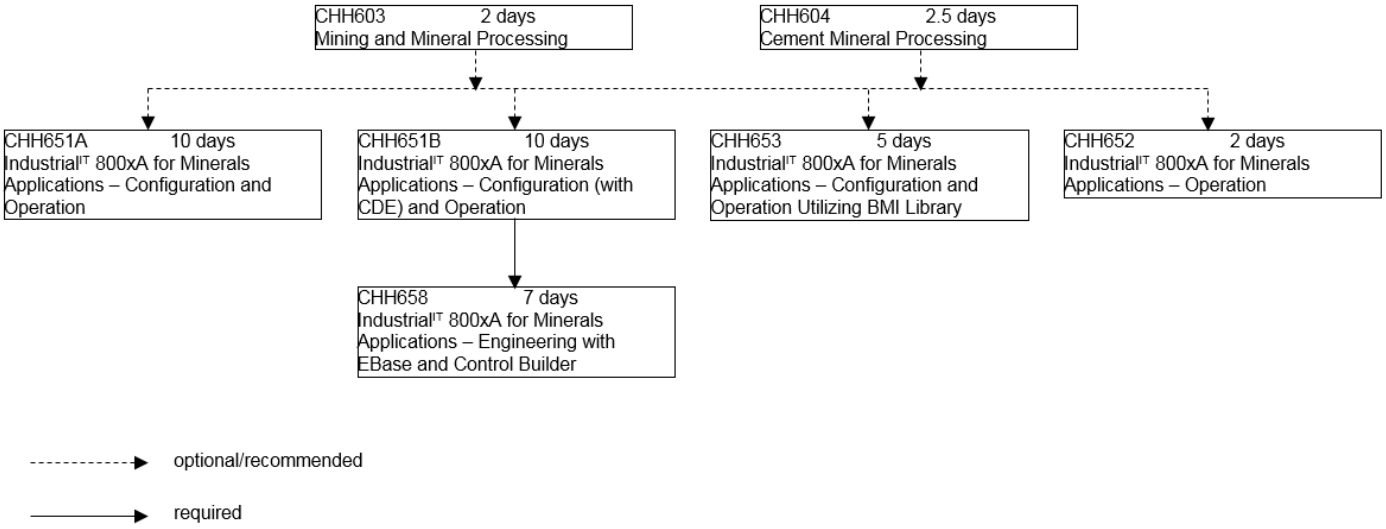
Course	Description	Duration	Date
CHH610	Expert Optimizer - Fundamentals and Control Strategies	5 days	06.03. - 10.03.2017 26.06. - 30.06.2017 02.10. - 06.10.2017
CHH611	Expert Optimizer - Advanced Toolkit Engineering	3 days	13.03. - 15.03.2017 03.07. - 05.07.2017 09.10. - 11.10.2017
CHH616	Knowledge Manager - Application Engineering	5 days	on request

Course	Description	Duration	Date
CHH619	Knowledge Manager and LIMS – Application Engineering	5 days	20.03. – 24.03.2017 19.06. – 23.06.2017 16.10. – 20.10.2017
CHH621	Gearless Mill Drive – Theoretical System Overview	3 days	03.05. – 05.05.2017 25.10. – 27.10.2017
CHH622	Gearless Mill Drive – Ring Motor Maintenance	2 days	on request
CHH624	Gearless Mill Drive – Operation and Maintenance	5 days	on request
CHH625	Ring Motor Stator Winding – Theoretical Aspects of Troubleshooting	2 days	on request
CHH627	Gearless Mill Drive – PSR2 Controller	3 days (optional 4 days)	on request
CHH629	Industrial^{IT} 800xA – Gearless Mill Drive Applications	5 days	on request
CHH631	Gearless Mill Drive – GMD System Troubleshooting with PSR2 Controller	4 days	on request
CHH632	Gearless Mill Drive – GMD System Troubleshooting with PEC Controller	5 days	on request
CHH641	ACS800 Operation and Maintenance	3 days	on request
CHH647	Ring-Geared Mill Drive System – Operation and Maintenance	3 days	on request
CHH648	Ring-Geared Mill Drive System with E-house – Operation and Maintenance	4 days	on request
CHH651A	Industrial^{IT} 800xA Applications for Minerals – Configuration and Operation	10 days	on request
CHH651B	Industrial^{IT} 800xA Applications for Minerals – Configuration (with CDE) and Operation	10 days	30.01. – 10.02.2017 28.08. – 08.09.2017 27.11. – 08.12.2017
CHH652	Industrial^{IT} 800xA Applications for Minerals – Operation	2 days	on request
CHH653	Industrial^{IT} 800xA Applications for Minerals – Configuration and Operation Utilizing BMI Library	5 days	on request
CHH658	Industrial^{IT} 800xA Applications for Minerals – Engineering with EBase and Control Builder	7 days	13.02. – 21.02.2017 11.09. – 19.09.2017 11.12. – 19.12.2017
CHH680	MCC MNS 3.0 Training	2 hours	on request
CHH681	ABB Wiring Diagrams Training	1 hour	on request
CHH682	Sace Breaker Emax Training	1 hour	on request
CHH683	Sace Breaker Emax2 Training	1 hour	on request
CHH684	MNS*i*S – I (Standard) Training	2 days	on request
CHH685	MNS*i*S – II (Standard and MNavigate Plus) Training	3 days	on request
CHH686	UMC100 – I (Standard) Training	1 day	on request
CHH687	UMC100 – I (Standard and PBDTM) Training	1,5 days	on request

Learning path for Gearless Mill Drive (GMD)



Learning path for 800xA



Learning path for Expert Optimizer

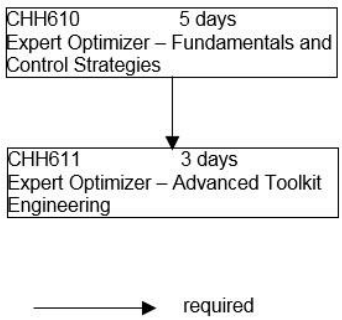


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