

ABB University Switzerland

Learning Center Cement, Minerals and Mining

Program and Course Portfolio 2016

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 enrolment 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 prices

Please, contact our Learning Center to find out about the course prices. The prices might vary depending if the courses take place here in our learning center in Switzerland or if we deliver them on-site at your place.

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

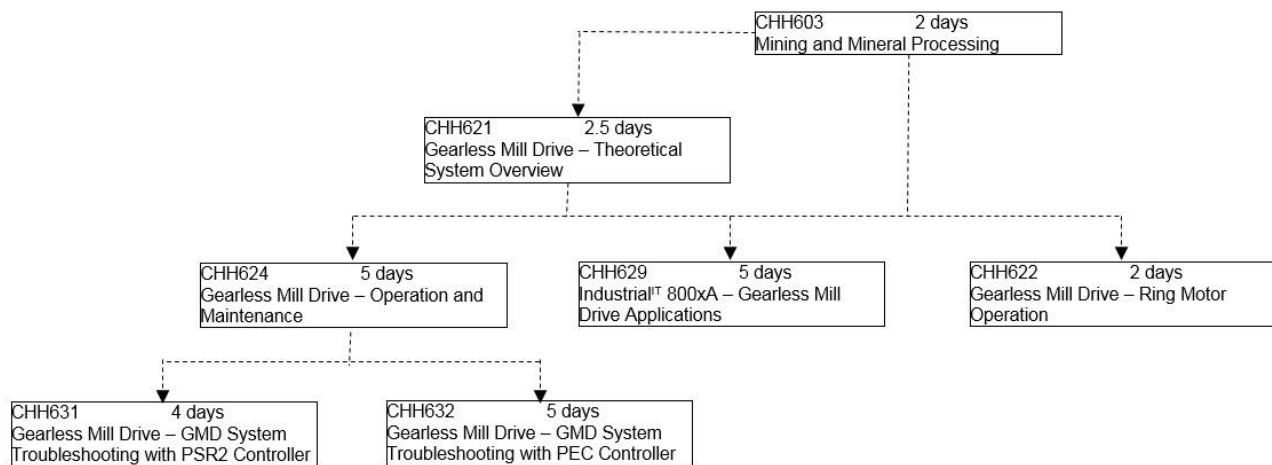
Course	Description	Duration	Date
CHH603	Mining and Mineral Processing	2 days	03.03. - 04.03.2016 29.09. - 30.09.2016
CHH604	Cement Mineral Processing	2,5 days	29.02. - 02.03.2016 26.09. - 28.09.2016

Product courses

Course	Description	Duration	Date
CHH610	Expert Optimizer - Fundamentals and Control Strategies	5 days	14.03. - 18.03.2016 30.05. - 03.06.2016 12.09. - 16.09.2016 21.11. - 25.11.2016
CHH611	Expert Optimizer - Advanced Toolkit Engineering	3 days	21.03. - 23.03.2016 06.06. - 08.06.2016 19.09. - 21.09.2016 28.11. - 30.11.2016
CHH616	Knowledge Manager - Application Engineering	5 days	on request
CHH619	Knowledge Manager and LIMS - Application Engineering	5 days	04.04. - 08.04.2016 05.09. - 09.09.2016
CHH620	Laboratory Information Management System - Application Engineering	5 days	on request

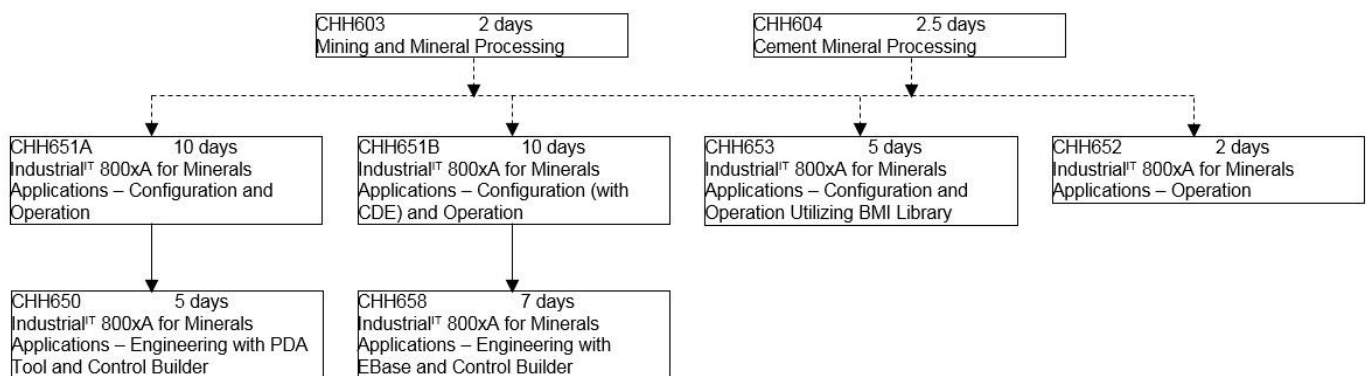
Course	Description	Duration	Date
CHH621	Gearless Mill Drive - Theoretical System Overview	2.5 days	07.03. - 09.03.2016 18.05. - 20.05.2016 02.11. - 04.11.2016
CHH622	Gearless Mill Drive - Ring Motor Maintenance	2 days	on request
CHH624	Gearless Mill Drive - Operation and Maintenance	5 days	on request
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
CHH650	Industrial^{IT} 800xA Applications for Minerals - Engineering with PDA Tool and Control Builder	5 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	01.02. - 12.02.2016 11.04. - 22.04.2016 13.06. - 24.06.2016 10.10. - 21.10.2016
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	15.02. - 23.02.2016 25.04. - 03.05.2016 24.10. - 01.11.2016
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	MNSiS - I (Standard) Training	2 days	on request
CHH685	MNSiS - 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)



-----> optional/recommended

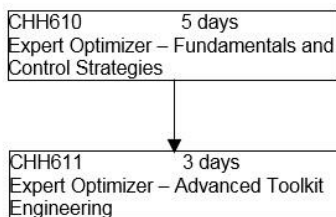
Learning path for 800xA



-----> optional/recommended

————> required

Learning path for Expert Optimizer



————> required

Learning path for Knowledge Manager

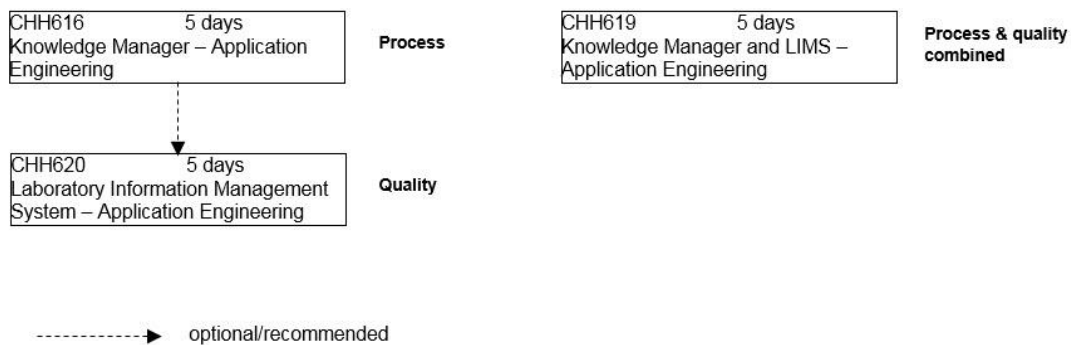


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