
ABB UNIVERSITY SWITZERLAND

COURSE PORTFOLIO 2020

Learning Center Power Electronics

Editorial

Vision



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

Training courses

Scheduled classes (public)



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 Baden, Switzerland.

Tailored classes (on request)



The training can be held in our learning center in Switzerland or on-site at customer's facilities. 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.

Travel information



More detailed travel information can be found on our webpage or in our ABB University Switzerland – General Information brochure 2018.

Training conditions



For our training conditions please refer to our ABB University Switzerland – General Information brochure 2018.

Equipment and infrastructure



We strongly emphasize that our trainings are in step with actual practice. Therefore we provide our trainees with adequate infrastructure in each course, such as computers, simulators and devices.

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.

Training Quality



Our highly qualified team are always aiming to meet your needs. Grid Automation Learning Centers are certified by EduQua, which is a Swiss Certificate for quality in further education. It guarantees and develops the quality in the institution of further education.



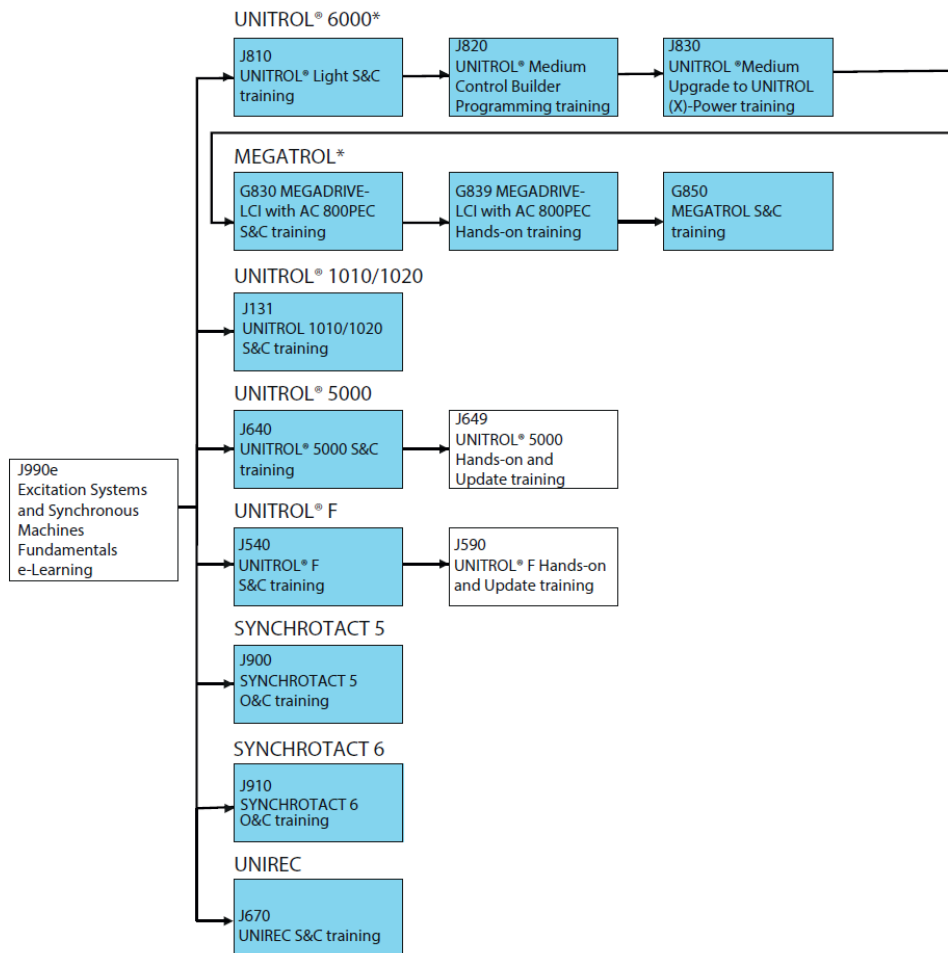
Course portfolio Power Control

Learning path - Service and Commissioning

Target group

- Field service engineers of ABB and partners
- Testing
- Application Engineering

*Training courses only available for ABB employees and part of the field service engineer's certification program.



Description

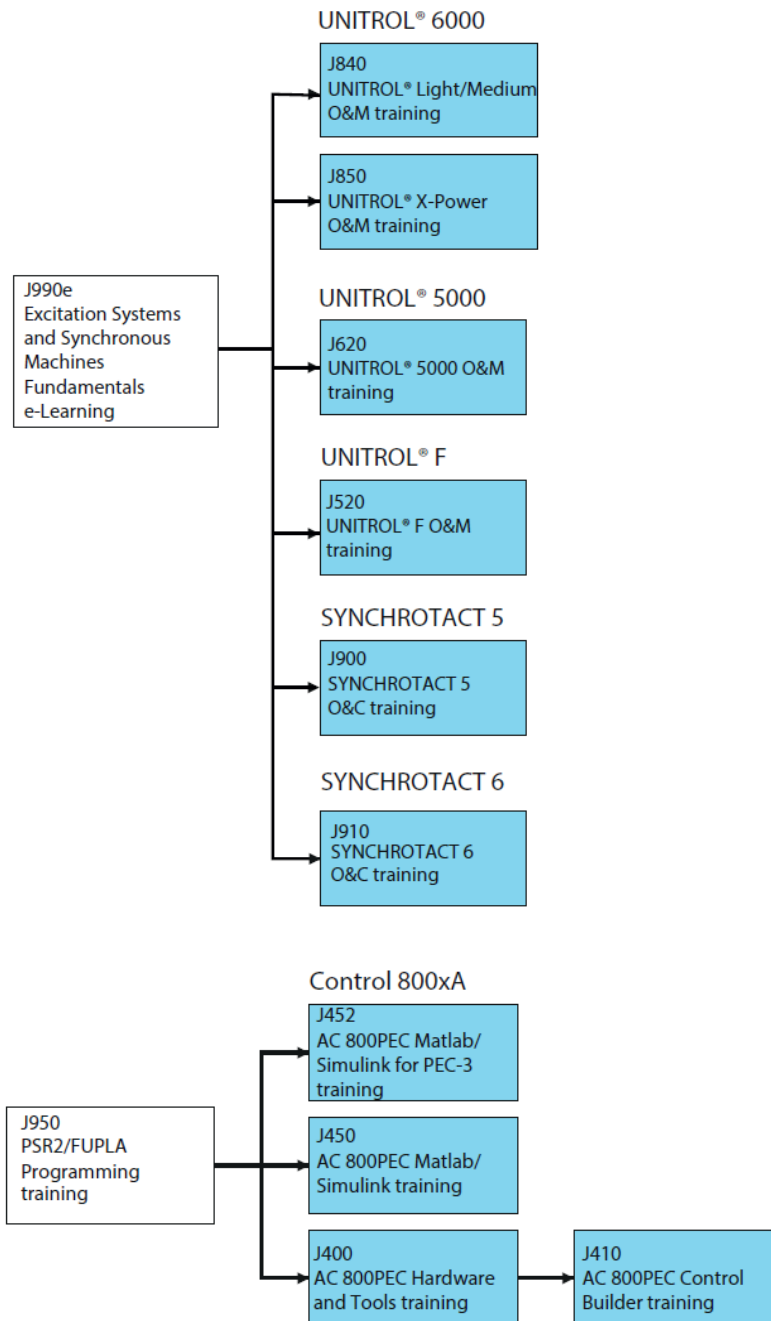
E-Learning
(to be completed)

Classroom training in
Turgi, Switzerland

Classroom training
(optional)

Course portfolio Power Control

Learning path - Operation and Maintenance



Description





E-Learning
(to be completed)

Classroom training in
Turgi, Switzerland

Classroom training
(optional)

Course portfolio Power Electronics

Service and Commissioning training

No.	Course title	Day	Date	Language	CHF/Pers.
Power Electronics					
Service and Commissioning training*					
J810	UNITROL® Light Service and Commissioning	5	09. - 13.03.2020 02. - 06.11.2020	E E	4940
J820	UNITROL® Medium Control Builder Programming	5	16. - 20.03.2020 09. - 13.11.2020	E E	5450
J830	UNITROL® Medium Upgrade to UNITROL (X)-Power	2	23. - 24.03.2020 16. - 17.11.2020	E E	2850
J131	UNITROL® 1010/1020 Service and Commissioning	4	27. - 30.01.2020 30.3.-02.04.2020 07. - 10.09.2020 07. - 10.12.2020	E E E E	3950
J900	SYNCHROTACT 5 Operation and Commissioning	2	25. - 26.06.2020 15. - 16.10.2020	E E	2190
 J910	SYNCHROTACT 6 Operation and Commissioning	2	14. - 15.04.2020 20. - 21.08.2020 01. - 02.10.2020	E E E	2190
G850	MEGATROL Service and Commissioning	3	on request	E	3750
J991	UNITROL® for All	1	on request	G / E	690
J670	UNIREC Service and Commissioning	5	on request	E	-
J340	UNITROL® P Service and Commissioning	5	on request	E	-
J390	UNITROL® P Hands-on and Update	3	on request	E	-
J540	UNITROL® F Service and Commissioning	5	on request	E	-
J590	UNITROL® F Hands-on and Update	3	on request	E	-
J640	UNITROL® 5000 Service and Commissioning	5	on request	E	-
J649	UNITROL® 5000 Hands-on and Update	3	on request	E	-
J130	UNITROL® 1000 Service and Commissioning	3	on request	E	-
E-Learning					
 J910E	SYNCHROTACT 6 Operation and Commissioning	n.a	on request	E	-
J131E	J131E - UNITROL® 1010/1020	n.a	on request	E	-
J810E	J810E - UNITROL® 6000 LIGHT INTRODUCTION	n.a	on request	E	-
J990e	Excitation Systems and Synchronous Machines Fundamentals	n.a	on request	E	-
J810E	J810E - UNITROL® 6000 LIGHT INTRODUCTION	n.a	on request	E	-
Digital					
	Digital Training-Remote Session with SMTS	n.a	06. - 10.04.2020	E	-
	Remote Access to model with SMTS: UNITROL 1000/SYN 6/UNITROL 6000 X-POWER	n.a	on request	E	-

*Training courses are only available for ABB employees and part of the field service engineer's certification program.

Course portfolio Power Electronics

Operation and Maintenance training

Target group

Electricians, technicians and engineers who operate, maintain the Power Electronics products.

Course Prices

The prices indicated below are to be understood in Swiss Francs (CHF) for the training services specified in this course program. Our prices are only valid, if our offer is accepted as a whole. In case only parts of the offered training course should be ordered, we reserve the right to adjust our prices.

Our price is calculated without taxes, VAT, withholding taxes, customs, fees and other duties. Shall any of those taxes apply, it shall be borne by the client.

Our General Conditions of Supply attached hereto form an integral part of this tender. They are binding in all respects unless otherwise expressly agreed upon in writing. Special conditions of the purchaser which are contrary to these General Conditions of Supply are valid only if accepted in writing by ourselves.

No.	Course title	Day	Date	Language	CHF/Pers.
Power Electronics					
Operation and Maintenance training*					
J840	UNITROL® 6000 Light / Medium Operation and Maintenance	5	24. - 28.02.2020 23. - 27.11.2020	E E	4970
J850	UNITROL® 6000 X-Power Operation and Maintenance	5	17. - 21.02.2020 21. - 25.09.2020	E E	4970
J452	AC 800 PEC MATLAB/Simulink for PEC-3	3	25. - 27.03.2020 05. - 09.10.2020	E E	3570
J400	AC 800PEC Hardware and Tools	2	06. - 07.02.2020	E E	2520
J410	AC 800PEC Control Builder	5	10. - 14.02.2020	E E	5630
G840	MEGATROL Operation and Maintenance	5	on request	E	5630
J320	UNITROL® P Operation and Maintenance	5	on request	E	-
J520	UNITROL® F Operation and Maintenance	5	on request	E	-
J620	UNITROL® 5000 Operation and Maintenance	5	on request	E	-

Course possibilities Power Electronics

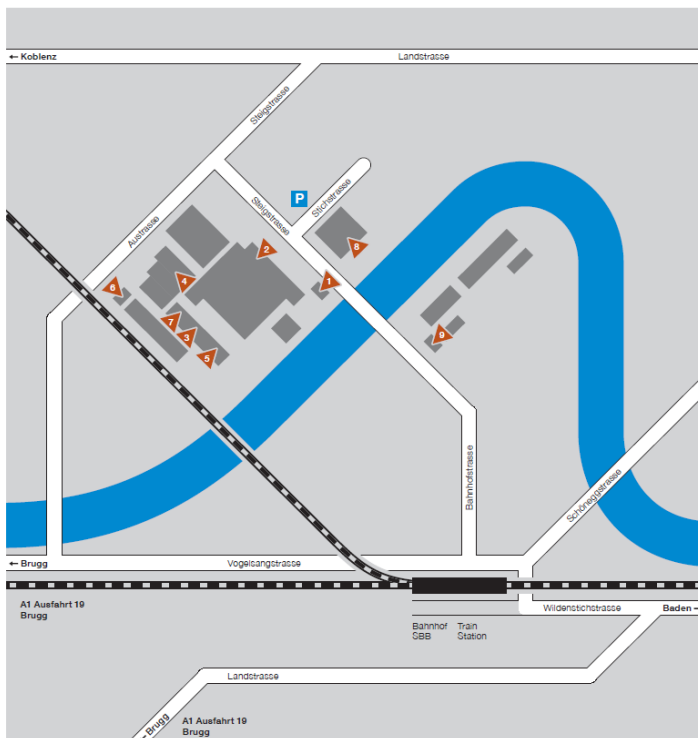
Course types

Our learning center offers a wide range of different course types and venues to cover customer's needs. Additionally, there are several spoken course languages available.

Overview course types

Course type / Details	Classroom Switzerland (public)	Classroom Switzerland (private)	Classroom on-site (private)	E-Learning* (online)
Methods	<ul style="list-style-type: none"> – Lectures and demonstrations – Practical exercises with training equipment – Factory visit 	<ul style="list-style-type: none"> – Lectures and demonstrations – Practical exercises with training equipment – Factory visit 	<ul style="list-style-type: none"> – Lectures and demonstrations – Practical exercises with installed equipment – Factory visit 	Online course for instruction and theory parts of the training
Number of participants	Maximum 6-8 participants per class	Maximum 6-8 participants per class	Maximum 6-8 participants per class	n.a.
Advantages	<ul style="list-style-type: none"> – For a small group of participants per customer 	<ul style="list-style-type: none"> – Customized training 	<ul style="list-style-type: none"> – Customized training – Less travel expenses (only trainer's expenses) – Installed equipments used for the training 	<ul style="list-style-type: none"> – Can be done online, no need to leave the workplace – Not mandatory for classroom training
Schedule	Fixed course schedule	Flexible course schedule	Flexible course schedule	Flexible course schedule
Spoken Languages	English	English, French, German	English, French, German	English
Course type / Details	Web-based training			
Methods	Real training simulators with remote access and interactive presentations are used for demonstration and simulation during the training over web			
Number of participants	n.a.			
Advantages	<ul style="list-style-type: none"> – Usage of real training simulators with – Remote access – Higher productivity and less time away – From the workplace – No travel costs 			
Schedule	Fixed course schedule			
Spoken Languages	English, French, German			

Learning center location



Turgi / Untersiggenthal

1	Anmeldung (Portier 1) Austrasse 5300 Turgi	Tel. 058 589 30 58
2	ABB Schweiz AG Medium Voltage Drives	Tel. 058 589 27 95
3	ABB Schweiz AG Power Control & Renewables	Tel. 058 585 00 00
4	ABB Schweiz AG Traction Converters	Tel. 058 585 00 00
5	ABB University	Tel. 058 589 28 04
6	Warenanlieferung (Portier 2)	Tel. 058 589 20 20
7	Gesundheitszentrum	Tel. 056 299 31 05
8	Personalrestaurant Aubücke	Tel. 056 299 30 59
9	ABB Kinderkrippe (Müsliburg)	Tel. 056 210 24 08

Zieladresse für Navigationssystem:
Stichstrasse 1
5417 Untersiggenthal

Contact us

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Link