

HITACHI ENERGY UNIVERSITY – LEARNING CENTER GRID AUTOMATION

COURSE LIST 2022/2023

Substation Automation and Protection Systems



Location Baden Switzerland

Face to face and remote classroom training

All training you can visit as a remote classroom training or as a face-to-face led course!

For the todays actual available course dates you please check the [actual course schedule!](#)

(This actual course schedule will be updated at least every month)

No.	Open Course Title (with link to description)	Day	Date yyyy: mm/dd	E/D/F	Country
Theory Courses					
Power System, Substation Automation & Protection					
<i>Level 1</i>					
CHP101	Power Grids Integration and Automation Technology - Fundamentals	5	2022: 08/29 – 09/02 2023: 02/27 – 03/03	E E	CH
<i>Level 2</i>					
CHP184	Digital Substation Architecture Design – Applications	2	2022: 09/05 – 09/06 2023: 03/06 – 03/07	E E	CH
CHP108	Cyber Security for Power Utilities – Applications	2	2022: 09/07 – 09/08 2023: 03/08 – 03/09	E E	CH
CHP131	Protection for Power Plants – Applications	5	2022: 09/12 – 09/16 2023: 03/13 – 03/17	E E	CH
CHP132	Protection for Lines, Busbars, CBs & Power Transformers – Applications	5	2022: 09/12 – 09/16 2023: 03/13 – 03/17	E E	CH
<i>Level 3</i>					
CHP188	Protection Studies for various Power Networks – Advanced Solutions	5	2022: 10/24 – 10/28 2023: 04/17 – 04/21	E E	CH
<i>On-Request</i>					
CHP134	Protection for Industry & Distribution – Applications	5	on request	E	CH

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No.	Open Course Title (with link to description)	Day	Date yyyy: mm/dd	E/D/F	Country
System Courses					
Substation Automation & Protection					
<i>Level 1</i>					
CHP122	SAS600 Substation Automation – Operation	2	2022: 09/26 – 09/27 2023: 04/17 – 04/18	E E	CH
CHP123	SAS600 Substation Automation - Operation & Maintenance	5	2022: 09/26 – 09/30 2023: 04/17 – 04/21	E E	CH
CHP115	Relion® 670/650 series with PCM600 for Protection Solutions – Operation	2	2022: 09/19 – 09/20 2023: 03/20 – 03/21	E E	
CHP150	Relion® 670/650 series with PCM600 for Protection Solutions – Maintenance & Configuration	5	2022: 09/19 – 09/23 2023: 03/20 – 03/24	E E	
<i>Level 2</i>					
CHP194	IET600/ITT600 for SAS600 Modification – System Engineering	5	2022: 10/03 – 10/07 2023: 04/24 – 04/28	E E	CH
CHP157	SAM600 for Digital Substation Solutions - Operation & Maintenance	2	2022: 09/26 – 09/27 2023: 03/27 – 03/28	E E	CH
CHP158	Relion® for Digital Substation Solutions - Testing & Commissioning	5	2022: 09/26 – 09/30 2023: 03/27 – 03/31	E E	CH
CHP176	RTU540/560 Remote Terminal Unit Modification – System Engineering	5	2022: 12/05 – 12/09 2023: 06/26 – 06/30	E E	CH
<i>Level 3</i>					
CHP191	IET600/ITT600 for IEC 61850 Integration & Testing – System Engineering	5	2022: 11/28 – 12/02 2023: 06/19 – 06/23	E E	CH
<i>On-Request</i>					
CHP195	IET600 for IEC 61850 Integration with MicroSCADA - System Engineering	9	on request	E	CH

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No.	Open Course Title (with link to description)	Day	Date yyyy: mm/dd	E/D/F	Country
Product Courses					
Substation Automation & Protection					
<i>Level 2</i>					
CHP115	Relion® 670/650 series with PCM600 for Protection Solutions – Operation	2	2022: 09/19 – 09/20 2023: 03/20 – 03/21	E E	
CHP150	Relion® 670/650 series with PCM600 for Protection Solutions – Maintenance & Configuration	5	2022: 09/19 – 09/23 2023: 03/20 – 03/24	E E	CH
CHP157	SAM600 for Digital Substation Solutions - Operation & Maintenance	2	2022: 09/26 – 09/27 2023: 03/27 – 03/28	E E	CH
CHP158	Relion® for Digital Substation Solutions -Testing & Commissioning	5	2022: 09/26 – 09/30 2023: 03/27 – 03/31	E E	CH
CHP153	REB500/REB500sys for Busbar & Station Protection Solutions – Maintenance & Configuration	3	2022: 10/03 – 10/05 2023: 03/06 – 03/08	E E	CH
CHP170	SDM600 System Data Management - Operation & Configuration	1	2022: 09/09 2023: 03/10	E E	CH
<i>On-Request</i>					
CHP155	Relion® 670/650 series with PCM600 for Grid Protection Solutions – Maintenance & Configuration	5	on request	E	CH
CHP156	Relion® 670/650 series with PCM600 for Generator Protection Solutions – Maintenance & Configuration	5	on request	E	CH
CHP164	REF542plus for Control and Protection Solutions – Operation & Configuration	4	on request	E	CH
CHP151	REG216/316*4 for Generator Protection Solutions – Operation & Configuration	5	on request	E	CH

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