

HITACHI ABB POWER GRIDS UNIVERSITY – LEARNING CENTER GRID AUTOMATION

COURSE LIST 2021

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 leaded course!

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	2021: 03/01 – 03/05 2021: 08/30 – 09/03	E	CH
<i>Level 2</i>					
CHP109	Advanced Substation Automation Architecture & Design - Applications	5	2021: 04/26 – 04/30 2021: 09/06 – 09/10	E	CH
CHP184	Digital Substation Architecture Design – Applications → CHP109	2	2021: 04/27 – 04/28 2021: 09/07 – 09/08	E	CH
CHP108	Cyber Security for Power Utilities – Applications → CHP109	2	2021: 04/29 – 04/30 2021: 09/09 – 09/10	E	CH
CHS008	Planning & Realization of Electrical Traction Systems for Railways – Applications & System Solutions	3	2021: 05/18 – 05/20 2021: 11/09 – 11/11	E	CH
CHP131	Protection for Power Plants – Applications	5	2021: 03/15 – 03/19 2021: 09/13 – 09/17	E	CH
CHP132	Protection for Lines, Busbar, CBs & Power Transformers – Applications	5	2021: 03/08 – 03/12 2021: 09/06 – 09/10	E	CH
CHP134	Protection for Industry & Distribution – Applications	5	2021: 03/15 – 03/19 2021: 09/13 – 09/17	E	CH
<i>Level 3</i>					
CHP188	Protection Studies for various Power Networks – Advanced Solutions	8	2021: 03/22 – 03/31 2021: 09/27 – 10/06	E	CH
<i>On-Request</i>					
CHP102	Protection for Electrical Power Systems – Fundamentals	5	on request	E	CH
CHP102	Schutz in elektrischen Netzen – Grundlagen	5	on request	D	CH

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	3	2021: 03/01 – 03/03 2021: 06/07 – 06/09 2021: 08/30 – 09/01 2021: 10/25 – 10/27	E E E E	CH
CHP123	SAS600 Substation Automation - Operation & Maintenance	10	2021: 03/01 – 03/12 2021: 06/07 – 06/18 2021: 08/30 – 09/10 2021: 10/25 – 11/05	E E E E	CH
CHP150	Relion®/PCM600 for Protection - Operation & Maintenance	5	2021: 03/15 – 03/19 2021: 06/21 – 06/25 2021: 09/13 – 09/17 2021: 11/08 – 11/12	E E E E	
<i>Level 2</i>					
CHP194	IET600/ITT600 for SAS600 Modification - System Engineering	10	2021: 03/15 – 03/26 2021: 06/28 – 07/09 2021: 09/13 – 09/24 2021: 11/08 – 11/19	E E E E	CH
CHP157	SAM600 for Digital Substation Solutions – Operation & Configuration	2	2021: 04/19 – 04/20 2021: 09/27 – 09/28	E E	CH
CHP158	Relion®/SAM600/PCM600/ITT600 Digital Substation -Testing & Commissioning	5	2021: 04/19 – 04/23 2021: 09/27 – 10/01	E E	CH
CHP176	RTU540/560 Remote Terminal Unit Modification – System Engineering	5	2021: 04/26 – 04/30 2021: 06/21 – 06/25 2021: 10/04 – 10/08 2021: 11/29 – 12/03	E E E E	CH
<i>Level 3</i>					
CHP191	IET600/ITT600 for IEC 61850 Integration & Testing – System Engineering	5	2021: 05/17 – 05/21 2021: 12/06 – 12/10	E E	CH
CHP195	IET600 for IEC 61850 Integration with MicroSCADA - System Engineering	10	2021: 06/28 – 07/09 2021: 12/06 – 12/17	E E	CH
Only for internal Hitachi personnel					
<i>Level 3</i>					
CHS151	Digital Substation upgrade for PG Engineers SAS600 – System Engineering & Testing (only Hitachi internal)	5	2021: 04/26 – 04/30 2021: 10/04 – 10/08	E E	CH
CHP196	IET600 Expert for IEC 61850 Integration MicroSCADA - System Engineering (only Hitachi int.)	10	2021: 10/25 – 11/05	E	CH
CHP197	SAS600 advanced Integration and Testing - System Engineering (only Hitachi internal)	10	2021: 11/22 – 12/03	E	CH

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>					
CHP150	Relion®/PCM600 for Protection - Operation & Maintenance	5	2021: 03/15 – 03/19 2021: 06/21 – 06/25 2021: 09/13 – 09/17 2021: 11/08 – 11/12	E E	CH
CHP155	Relion® 670/650 series with PCM600 for Grid Protection Solutions – Maintenance & Configuration	5	2021: 04/12 – 04/16 2021: 09/20 – 09/24	E	CH
CHP156	Relion® 670/650 series with PCM600 for Generator Protection Solutions – Maintenance & Configuration	5	2021: 04/12 – 04/16 2021: 09/20 – 09/24	E	CH
CHP153	REB500/REB500sys for Busbar & Station Protection Solutions – Maintenance & Configuration	3	2021: 04/19 – 04/21 2021: 09/27 – 09/29	E	CH
CHP157	SAM600 for Digital Substation Solutions – Operation & Configuration	2	2021: 04/19 – 04/20 2021: 09/27 – 09/28	E	CH
CHP158	Relion®/SAM600/PCM600/ITT600 Digital Substation -Testing & Commissioning	5	2021: 04/19 – 04/23 2021: 09/27 – 10/01	E	CH
CHP170	SDM600 System Data Management - Operation & Configuration	2	2021: 05/03 – 05/04 2021: 09/13 – 09/14	E	CH
<i>On-Request</i>					
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