## ABB Learning Zone 2013 Courses Calendar

Course Code	Course Description	Days	Course Dates	Cost
T308	System 800xA with AC800M – Hardware Maintenance and Troubleshooting	5 17-21 March / 21-25 April /	20-24 October	On request
T309	System 800xA Safety - AC800M High Integrity Configuration and Maintenance	4 4-7 March/ 17-20 June / 28-31 October		On request
T315C	System 800xA Engineering using Control Builder	5 3-7 February / 17-21 February / 15-19 September / 29 Sept-3 October		On request
Т315Н	System 800xA HMI Configuration	5 10-14 March/ 6-10 October		On request
T321	System 800xA for Harmony Configuration	5 10-14 February		On request
M111	Harmony Rack I/O with Composer	5 24-28 March		On request
M201	Symphony Harmony Basic with Composer	5 7-11 April		On request
M202	Symphony Composer Engineering Tools	5 23-28 June		On request
M211	S800 I/O for Harmony Controllers	5 9-14 June		On request
M304	Harmony Function code Configuration	5 23-27 June		On request
T142	Functional Safety TUV Certification	4 29 April- 03 May / 11-14 No	vember	On request
E143	800xA Troubleshooting Core System	5 19-24 May		On request
E144	800xA System Health Check	5 26-30 May		On request
T560	Freelance (AC 800F) – Maintenance and Configuration	5 12-17 May		On request
T568	Freelance System Engineering	5 07-11 April /22-26 Septemb	er	On request
T561	Freelance - Operation with Digivis	2 14-15 April		On request
T317	Foundation Fieldbus	On request		, On request
T315F	System 800xA Engineering using Function Designer	5 On request		On request
M302	INFI 90 BATCH 90 Language	5 On request		On request
M203	Conductor NT HMI Configuration	5 On request		On request
SC300E	Triguard Training course CS300E	3 On request		On request
AR104	Plantguard Basic Engineering and Maintenance	5 On request		On request
GPBG01	Plantguard Maintenance and Trouble shooting	5 On request		On request
GPBG02	Plantguard Engineering	5 On request		On request
GPBG03	Plantguard Administration	3 On request		On request
T530	Compact Control Builder AC 800M - Configuration	5 On request		On request
T310	System 800xA HMI Operation	2 On request		On request
Z457	NGC8201 + NGC8206 / PGC1000		′ 14-19 July / 20-26 September / 13-17 October	On request
Z401/460	PGC2000 + VistaNet	5 13-19 April		On request
Z516	CGA Advance Optima	5 26-30 May / 22-27 August/	03-08 November	On request
ABB Tropos	Certification Training	4 07-10 April / 06-09 April		On request
Training for professional Engineers	Process Safety management leadership	2 On request		On request
Training for professional Engineers	Safety Management best practice	5 On request		On request
Training for professional Engineers	An Understanding of Process Safety Management Systems	2 On request		On request
Training for professional Engineers	Hazard Study Awareness	3 On request		On request
Training for professional Engineers	Hazard Study Leader's course	5 On request		On request
Training for professional Engineers	Human Factors Incident Investigation	2 On request		On request
Training for professional Engineers	Alarm Management	3 On request		On request
Training for professional Engineers	Safety Integrity Level (SIL) Determination	3 On request		On request
Training for professional Engineers	Electrostatic Ignition Hazards	2 On request		On request
Training for professional Engineers	Managing Deterioration of Process Equipment	3 On request		On request
Training for professional Engineers	Managing Asset Life Planning	4 On request		On request
Training for professional Engineers	Essentials of Pressure Systems	3 On request		On request
Training for professional Engineers	Design and operation of Piping Systems	3 On request		On request
Training for professional Engineers	Pressure Relief	4 On request		On request
Training for professional Engineers	Mechanical Failures of Rotating Equipment	4 On request		On request
Training for professional Engineers	Machine Condition Monitoring and Predictive Maintenance	2 On request		On request

Training for professional Engineers	Reliability Improvement Tools Workshop	3 On request	On request
Training for professional Engineers	Root Cause Analysis	2 On request	On request
Training for professional Engineers	Critical Analysis and FMECA	2 On request	On request
PLC	AC500 Basic Training	2 08-09 April / 07-08 September	On request
G156	ACS800-X7 single drive, start-up, maintenance and service hands-on training	2 20-21 February /20-21 March / 16-17 April / 08-09 May/ 11-12 September / 13-14 November	On request
R106	IRC5 Operator Course(Robotics)	2 25-26 May / 26-27 June	On request
INTCV163	Operation and Maintenance of Distribution Transformers	2 On request	On request
P114	REF542plus Feeder Protection & Control IED - Operation & Maintenance	3 04-07 March /01-03 July /29-30 October /23-25 December	On request
P261	Relion <sup>®</sup> 615 Series - Operation & Engineering	2 10-11 March / 09-10 June /22-23 September /08-09 December	On request
P263	Relion <sup>®</sup> 630 Series - Operation	1 12 March / 11 June / 24 September/ 10 December	On request
P264	Relion <sup>®</sup> 630 Series - Programming	2 13-14 March / 12-13 June / 25-26 September / 11-12 December	On request
P269	Relion <sup>®</sup> PML630/cPMS - Programming	4 18-21 March /17-20 June /30 Sept-03 October /16-19 December	On request
P232	REF 543/545 - Operation	1 On request	On request
P233	REF 543/545 - Programming	2 On request	On request
P235	REF 542plus - Operation	1 On request	On request
P236	REF 542plus - Programming	2 On request	On request
CZ021	Unigear ZS1 Operation and maintenance with VD4 and REFXXX	5 24-28 March /23-27 June /06-10 October /22-26 December	On request
0406	Unigear ZS1 Installation and maintenance (on Site)	1 01-April / 04-July / 29-September /15-December	On request
0401&0402	Unigear ZS1 switchgear introduction and operation	1 07-March/30-June/19-September /05-December	On request
G300	Gas Insulated Switchgear (GIS) ZX series - Operation and maintenance	2 25-26 February/ 23-24 April/ 18-19 June /22-23 October	On request
TEC	Transformer online monitoring	1 04-March/01-July /18-September/16-December	On request
UAE750	SF6 Handling training (Local course)	1 On request	On request

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