ABB Learning Zone 2013 Courses Calendar

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| **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*** |
| ***T315H*** | ***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 November*** | ***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 September*** | ***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*** | ***5*** | ***23-29 March / 22-28 June / 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*** |



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| ***Training for professional Engineers*** | ***Reliability Improvement Tools Workshop*** |  |  |  |
| ***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® 615 Series - Operation & Engineering*** | ***2*** | ***10-11 March / 09-10 June /22-23 September /08-09 December*** | ***On request*** |
| ***P263*** | ***Relion® 630 Series - Operation*** | ***1*** | ***12 March / 11 June / 24 September/ 10 December*** | ***On request*** |
| ***P264*** | ***Relion® 630 Series - Programming*** | ***2*** | ***13-14 March / 12-13 June / 25-26 September / 11-12 December*** | ***On request*** |
| ***P269*** | ***Relion® 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*** |
| ***O406*** | ***Unigear ZS1 Installation and maintenance (on Site)*** | ***1*** | ***01-April / 04-July / 29-September /15-December*** | ***On request*** |
| ***O401&O402*** | ***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*** |

***3 On request On request***

