

**ABB in Singapore**  
2 Ayer Rajah Crescent  
Singapore 139935  
Tel: (65) 6776 5711  
Fax: (65) 6778 0222  
[www.abb.com.sg/abbuniversity](http://www.abb.com.sg/abbuniversity)



ABB Training Centre Singapore  
Course schedule  
January – June 2010

COURSE TITLE	MONTH (2010)					
	JAN	FEB	MAR	APR	MAY	JUN
<b>CONTROL SYSTEMS</b>						
<b>Advant OCS</b>						
A331 AC450 configuration & operation	11 - 15			5 - 9		
A351 Advant OS500 configuration & operation	18 - 22					
A400 AC110 & AC70 configuration & operation						
<b>800xA System</b>						
T305 System 800xA core system administration			22 - 26			21 - 25
T306 Process information management system			15 - 19		3 - 7	
T308 System 800xA w AC800M hardware maintenance & troubleshooting			8 - 12	26 - 30		
T309 System 800xA safety - AC800M high integrity config & maintenance						
T310 System 800xA operations		1 - 2		5 - 6		1 - 2
T314 System 800xA basic configuration		8 - 12				7 - 11
T315C System 800xA engineering (control builder)	11 - 22	22 - 5 Mar		12 - 23		
T315F System 800xA engineering (functional designer)						
T320 System 800xA for advant/master configuration	25 - 29			12 - 16		
T321 System 800xA for harmony configuration		22 - 26				
T530 Configuring AC800M using CBM professional					10 - 14	
<b>Freelance</b>						
T568 Freelance 800F system engineering						
<b>COLLABORATIVE PRODUCTION MANAGEMENT (CPM)</b>						
SG510 cpmPlus smart client - system administration		1			10	
SG520 cpmPlus smart client - user training		2			11	
SG550 800xA with information management with smart client						
SG570 Smart client for pulp & paper QCS		2 - 4			12 - 13	
SG580 cpmPlus enterprise connectivity solutions (ECS)			8 - 12			
<b>LOW VOLTAGE AC DRIVES</b>						
<b>General machinery drives</b>						
G350 ACS350 startup & configuration						
<b>High performance machinery drives</b>						
G190 ACSM1 startup maintenance & service		8 - 9		12 - 13		21 - 22
<b>Standard drives</b>						
G165 ACS550 startup & configuration		22 - 23			24 - 25	
G166 ACH550 startup, maintenance & service hands-on						
<b>Start-Up and Maintenance Tools</b>						
G352 FlashDrop operations						
<b>Industrial drives, single drives</b>						
G152 ACS800 single drive, startup, maintenance & service hands-on	18 - 20		22 - 24		3 - 5	
G156 ACS800-07 startup, maintenance & service		4 - 5		15 - 16		7 - 8
<b>Industrial drives, multidrives</b>						
G160 ACS800 multidrives startup, maintenance & service		8 - 9				21 - 22
G161 ACS800 multidrives operation & configuration	25 - 26		15 - 16		6 - 7	
SG160 ACS800 multidrives startup, operation, configuration, maintenance & service						
G163 ACS800 liquid-cooled multidrive		10 - 12		12 - 14		
<b>Legacy drives</b>						
G330 ACS600 multidrives						
<b>Preventive Maintenance</b>						
G106 AC drive service basics		7 - 8				
G304 ACS600 preventive maintenance				17 - 18		
<b>MEDIUM VOLTAGE AC DRIVES</b>						
G700 ACS1000 operation and maintenance		8 - 11		26 - 29		14 - 17
G750 ACS6000 operation and maintenance			8 - 11		10 - 13	
<b>DC DRIVES</b>						
G560 DCS800 basic course	11 - 14		1 - 4		17 - 20	

ABB Training Centre, Singapore reserves the right to cancel or reschedule courses. Schedule is indicative and accurate at time of print. Other specific schedules are available upon request. For further enquiries on our training programs, please contact Calvin Lim: (65) 6773 5843 or calvin.lim@sg.abb.com

COURSE TITLE	MONTH (2010)					
	JAN	FEB	MAR	APR	MAY	JUN
<b>EXPERT WORKSHOPS</b>						
E123 800xA Engineering methodology with function designer						
E124 800xA with AC800M - improving engineering efficiency						
E125 800xA Engineering methodology with PCDeviceLib				19 - 23		
E134 800xA Checking, maintaining and troubleshooting PROFIBUS networks						
E136 800xA Checking and troubleshooting PROFIBUS networks			8 - 12			
E143 800xA Troubleshooting core system					3 - 7	
E144 800xA Performing a system health check					10 - 14	
E160 800xA Planning, implementing and testing security concepts						
E171 800xA Operator workplace advanced design and configuration						14 - 18
<b>INDUSTRIES APPLICATIONS</b>						
<b>Marine</b>						
DRL1x Drilling drive system course	4 - 8		22 - 26			17 - 21
ELE1x Electrical propulsion overview						
ELE22 ACS6000SD/AD marine drive course			2 - 5		4 - 7	
ELE32 Marine HV switchboard course	18 - 21		15 - 18		24 - 27	
ELE33 Marine LV switchboard course				26 - 30		
HV10 Marine high voltage safety course	11 - 15		8 - 12		10 - 14	21 - 25
<b>Pulp &amp; Paper</b>						
C202 Maintain industrial quality control system w AdvantMaster controllers				5 - 9		
C232 Smart platform with QCS LAN				12 - 16		
C302 Maintain industrial quality control system w AC800M controllers						21 - 25
SG732 Network platform 1200 with QCS LAN						
SG750 Pulp and paper operator training						
SG790 Pulp and paper library					10 - 14	
SG795 Basic control tuning & loop performance manager (LPM)			8 - 12			
<b>Oil &amp; Gas / Petrochemicals</b>						
SG900 PlantGuard TMR safety system - configuration and operation						
SG900 Safety integrity level (SIL) determination training						
SG920 ABB 'August' training	25 - 29					
<b>Power System / Symphony / INFI 90 / Power Generation Portal (PGP)</b>						
SG101 Process control unit/ harmony control unit	18 - 22					
SG621 Power generation portal for harmony configuration & operation				12 - 16		
SG840 Power generation information manager						21 - 25
SG855 Water leakage management system		8 - 12				
SG860 Gas turbine gas path diagnostic						
SG890 Optimax - performance monitoring & simulation training						21 - 23
<b>ANALYTICAL SYSTEMS</b>						
SG950 PGC 2000 and Vistanet 2.0		8 - 12				
SG955 CGA product training				4 - 7		
SG960 PGC5000 training						
SG970 FTIR training						
<b>AUTOMATION PRODUCTS APPRECIATION COURSE</b>						
SGMD1 Efficiency optimization using VSD for fans & pumps				14		
SGMD2 High performance industrial drives for a low harmonics networks		2				
SGMD3 HVAC system comfort cooling with AC drive	13			8		
SGMD4 Medium voltage AC drives appreciation course				28	12	
SGMD5 VFD appreciation course		3				10
SGLVP6 Motor starter appreciation course			3		19	
SGLVP7 Safety coordination studies course			24			24
SGLVP8 Softstarter appreciation course			10		14	
SGLVP9 Earth leakage protection using ELCOB, RCBO and ELR				22		
SGLVP10 Final distribution circuit design and component selection	21					
SGLVP11 Green mark energy efficient using KNX/EIB lighting management system	14	25		21		2
SGLVP12 Smissline plug-in MCB and distribution system			17		6	
SGLVP13 Electrical network design software, DOC Win	13	24	10	13	12	15
SGLVS14 Safe and reliable low voltage switchgear design			10			10
SGINC15 PLC appreciation course		3		28		10