

Recommended for	Course Description (Click here for Online Catalogue)	Course Code (Url to course profile)	Duration	Price per Delegate at RA Authorised Training Center	Dates	Pre-Requisite(s) (Suggested / Mandatory)	Learning+ Option Available for Individual Delegate (Url to course profile)	
<b>Programmable Logic Controller</b>								
Operations & Maintenance	Studio 5000 Logix Designer Level 1: ControlLogix Fundamentals and Troubleshooting (1756-L6* / 1756-L7*)	<a href="#">CCP299</a>	5 days	THB 56,700	13 Sep 21 7 Feb 22 9 May 22 22 Aug 22			
Operations & Maintenance	Accelerated Logix5000 Maintainer Certificate Level 1 (1756-L8*)	<a href="#">CCP300</a>	5 days	THB 65,000	On request	Mandatory: Any CLX course		
Design & Configuration	Studio 5000 Logix Designer Level 2: Basic Ladder Logic Programming (1756-L6* / 1756-L7*)	<a href="#">CCP151</a>	2 days	THB 29,400	On request	Mandatory: Any CLX course	<a href="#">CCP151-EL</a>	
Design & Configuration	Studio 5000 Logix Designer Level 4: Function Block Programming, Structured Text, Sequential Function Chart Programming (1756-L6* / 1756-L7*)	<a href="#">CCP152</a> <a href="#">CCP154</a>	2 days 2 days	THB 29,400 THB 29,400	On request	Suggested: Any CLX course	<a href="#">CCP152-EL</a> <a href="#">CCP154-EL</a>	
Design & Configuration	Accelerated Logix5000 Programmer Certificate Level 1 (1756-L8*)	<a href="#">CCP250</a>	5 days	THB 65,000	8 Nov 21 6 Jun 22	Mandatory: Any CLX course		
Design & Configuration	Studio 5000 Logix Designer Level 3: Project Development (1756-L6* / 1756-L7*)	<a href="#">CCP143</a>	4 days	THB 50,700	23 Nov 21 29 Mar 22 16 Aug 22	Suggested: Any CLX course	<a href="#">CCP143-EL</a>	
Design & Configuration	Studio 5000 Logix Designer Level 2: ControlLogix Maintenance and Troubleshooting	<a href="#">CCP153</a>	4 days	THB 50,700	14 Dec 22 2 Aug 22	Mandatory: Any CLX course		
Design & Configuration	Advanced Logix5000 Programmer Certificate (1756-L8*)	<a href="#">CCP251</a>	4 days	THB 65,000	On request	Mandatory: CCP250		
<b>Visualization</b>								
Operations & Maintenance	FactoryTalk® View SE Maintenance & Troubleshooting	<a href="#">CCV206</a>	2 days	THB 29,400	On request	Suggested: Any CLX course		
Operations & Maintenance	FactoryTalk® View ME and PanelView™ Plus Maintenance & Troubleshooting	<a href="#">CCV209</a>	2 days	THB 29,400	On request	Suggested: Any CLX course		
Design & Configuration	FactoryTalk® View SE Programming	<a href="#">CCV207</a>	5 days	THB 56,700	25 Oct 21 14 Mar 22 18 Jul 22	Suggested: Any CLX course	<a href="#">CCV207-EL</a>	
Design & Configuration	FactoryTalk® View ME & PanelView™ Plus Programming	<a href="#">CCV204</a>	4 days	THB 50,700	1 Mar 22 28 Jun 22	Suggested: Any CLX course	<a href="#">CCV204-A-EL</a>	
<b>Process Control</b>								
Design & Configuration	PlantPAx System Design and Configuration	<a href="#">PRC201</a>	5 days	THB 68,100	On request	Mandatory: Any CLX and FactoryTalk course	<a href="#">PRC201-EL</a>	
<b>Low Voltage AC Variable Speed Drive</b>								
Design, Configuration, Operations & Maintenance	PowerFlex 750-Series Configuration & Startup, Maintenance & Troubleshooting	CCA182 + CCA183	3 days	THB 50,700	19 Apr 22 12 Jul 22	Mandatory: AC/DC Motors and Drives Fundamentals course	<a href="#">CCA182-EL</a>	
Design, Configuration, Operations & Maintenance	PowerFlex 700 Vector Control Configuration and Startup, Maintenance & Troubleshooting	<a href="#">CCA161</a> <a href="#">CCA163</a>	2 days	THB 39,000	On request On request	Mandatory: AC/DC Motors and Drives Fundamentals course		
<b>Software</b>								
Design & Configuration	FactoryTalk AssetCentre System Design and Implementation	<a href="#">FTAC</a>	3 days	THB 39,000	On request	Suggested: Any CLX & FTView course	<a href="#">FTAC</a>	
Design & Configuration	ThinManager Configuration and Maintenance	<a href="#">SPE201-LD</a>	2 days	THB 43,600				
Design & Configuration	FactoryTalk Historian Site Edition Configuration and Data Collection + FactoryTalk VantagePoint Configuration and Reporting	RS-FTSEC + FTVP	5 days	THB 56,700				
Design & Configuration	FactoryTalk® Transaction Manager Configuration	RS-FTTM	3 days	THB 39,000				
Design & Configuration	(Simulation only, No Hardware) PlantPAx System Design and Configuration	<a href="#">PRS019</a>	4 days	THB 50,700				
Design & Configuration	FactoryTalk Batch Project Design and Implementation	<a href="#">PRST01-LD</a>	5 days	THB 60,800				
Design & Configuration	AAAdvance Comprehensive System Training	<a href="#">PRST063LD</a>	3 days	THB 39,000				
<b>Motion Control</b>								
Operations & Maintenance	Kinetix 6000 (SERCOS) Troubleshooting and Project Interpretation	<a href="#">CCN200</a>	2 days	THB 38,000	On request	Suggested: Any CLX course and CCN132		
Operations & Maintenance	Kinetix 6500 (CIP) Troubleshooting and Project Interpretation	<a href="#">CCN201</a>	3 days	THB 50,700		Suggested: Any CLX course and CCN132		
Operations & Maintenance	Kinetix 5700 (CIP) Troubleshooting and Project Interpretation	<a href="#">CCN202</a>	3 days	THB 50,700		Suggested: Any CLX course and CCN132		
Design & Configuration	Studio 5000™ Logix Designer Level 5: Advanced Motion Programming (SERCOS Kinetix 6000)	<a href="#">CCN190-LD</a>	2 days	THB 38,000		Suggested: Any CLX course and CCN132		
Design & Configuration	Studio 5000 Logix Designer Level 4: Kinetix 6500 (CIP) Programming	<a href="#">CCN144</a>	4 days	THB 60,000		Suggested: Any CLX course and CCN132		
Design & Configuration	Studio 5000 Logix Designer Level 4: Kinetix 5700 (CIP) Programming	<a href="#">CCN144-A</a>	4 days	THB 60,000		Suggested: Any CLX course and CCN132	<a href="#">CCN144-A-EL</a>	
<b>OT &amp; IT Industrial Networks</b>								
Design & Configuration	DeviceNet and RSNetwork Configuration and Troubleshooting	<a href="#">CCP164</a>	3 days	THB 50,700		On request	Suggested: Any CLX course	
Design & Configuration	EtherNet/IP Configuration and Troubleshooting	<a href="#">CCP183</a>	3 days	THB 50,700	Suggested: Any CLX course		<a href="#">CCP183-EL</a>	
<b>Medium Voltage AC Variable Speed Drive</b>								
Operations & Maintenance	(Theory only, No Hardware) PowerFlex 7000 Medium Voltage Drive Operation and Maintenance	<a href="#">MV7000-LD</a>	3 days	THB 508,800	On request			
<b>Industrial Internet of Things (IIoT) &amp; Cybersecurity</b>								
Awareness & Design	(Virtual Instructor-led) Introduction to Industrial Internet of Things	RA-IIOT	2 days	THB 340,000 for up to 10 pax	On request			
Awareness & Design	(Virtual Instructor-led) OTCS Cybersecurity Awareness and ISA IEC62443	CBS-ISA	2 days	THB 340,000 for up to 10 pax				
<b>TUV Safety</b>								
Design, Configuration, Operations & Maintenance	(Virtual Instructor-led, With TUV Exam) Functional Safety for Machinery Technician Certification (TÜV Rheinland)	<a href="#">SAF-TUV0T</a>	2 days	THB 384,000 for up to 8 pax	On request	Mandatory: Minimum of 1 year experience working on industrial machinery		
Design, Configuration, Operations & Maintenance	(Virtual Instructor-led, No Exam) Functional Safety For Machinery Introduction	<a href="#">SAF-TUV1</a>	3 days	THB 200,000 for up to 4 pax		A completed and approved eligibility form to receive certification (see it is highly recommended that participants have professional experience in the field of functional safety or have attended another introductory course on functional safety.		
Design, Configuration, Operations & Maintenance	(With TUV Exam) Functional Safety for Machinery Engineer Certification (TÜV Rheinland)	<a href="#">SAF-TUV2T</a>	5 days	THB 800,000 for up to 8 pax		Mandatory: A completed and approved eligibility form from TÜV Rheinland proving:  Minimum of 3-5 years experience in the field of Functional Safety  University engineering degree (master's or bachelor's) or equivalent engineer  Completion of eligibility form from Rockwell Automation/TÜV Rheinland		

Notes  
 1. Rockwell provides standard, customized, onsite and in-house instructor-led and E-learning training programs. Additional charges apply for customized and onsite training  
 2. Prices mentioned are applicable for trainings conducted at Rockwell Authorized Training venue on standard working days.  
 3. AP Training Cancellation Policy: Full course fee charged for cancellations / postponements received within 15 calendar days, prior to course commencement. Full course fee charged for no-show participants  
 4. Dates mentioned are tentative. Unless specifically stated, classes will commence with 4 or more participants at Rockwell Authorized Training venue, and with 6 or more participants at Client site  
 5. Actual course agenda and duration delivered may differ from course profile, according to Instructor's discretion to contextualize the learning experience for delegates  
 6. For any training enquiries, pls email CSMSEATraining@ra.rockwell.com  
 7. Training website : [https://www.rockwellautomation.com/en\\_SEA/products/training/overview.page](https://www.rockwellautomation.com/en_SEA/products/training/overview.page)

# THAILAND TRAINING CALENDAR SEP 2021 - AUG 2022

Recommended for	Course Description	Product Code	Duration	Price	Pre-requisite(s) (Suggested / Mandatory)
Individual delegates who wish to accelerate technical competency development via a Flexible, On-demand E-Learning platform, without the need to travel	Learning+ EDU users MOQ (Access to all courses available in library)	LP-EU	365 Days	THB 3,259	Mandatory: Active Educational support program Minimum Order Quantity : 10
	Learning + Group User MOQ (Access to all courses available in library)	LP-GU	365 Days	THB 78,410	Mandatory: Active TechConnect / Toolkit Contract required Minimum Order Quantity : 10
	Learning + Multi User MOQ (Access to all courses available in library)	LP-MU	365 Days	THB 60,817	Mandatory: Active TechConnect / Toolkit Contract required Minimum Order Quantity : 50
	Learning+ Single User Subscription (Access to all courses available in library)	LP-SU	365 Days	THB 81,668	Mandatory: Active TechConnect / Toolkit Contract required
	Learning+ 1 Class 3months (Access to Single course, Without Tech Connect)	LP-3	90 Days	THB 22,372	
	Learning+ 1 Class 3months (Access to Single course)	LP-3TC	90 Days	THB 14,553	Mandatory: Active TechConnect / Toolkit Contract required
<b>Learning+ - ControlLogix</b>					
Design, Configuration, Operations & Maintenance	Studio 5000 Logix Designer Level 1: ControlLogix Fundamentals	<a href="#">CCP146-EL</a>	7 hours		
Operations & Maintenance	Studio 5000 Logix Designer Level 3: Basic Ladder Logic Interpretation	<a href="#">CCCL21-EL</a>	5 hours		Suggested: CCP146 and CCP153
Design & Configuration	Studio 5000 Logix Designer Level 2: Basic Ladder Logic Programming	<a href="#">CCP151-EL</a>	4 hours		Suggested: CCP146
Design & Configuration Maintenance & Troubleshooting	Studio 5000 Logix Designer Level 2: Basic Ladder Logic Programming	<a href="#">CCP153-EL</a>	8 hours		Suggested: CCP146
Design & Configuration	Studio 5000 Logix Designer Level 3: Project Development	<a href="#">CCP143-EL</a>	9 hours		Suggested: CCP151
Design & Configuration	Function Block Programming	<a href="#">CCP152-EL</a>	6 hours		Suggested: CCP143
Design & Configuration	Structured Text and Sequential Chart Programming	<a href="#">CCP154-EL</a>	4 hours		Suggested: CCP143
Design & Configuration	S;C500 & RSLogix500 programming	<a href="#">CCPS41-EL</a>	8 hours		Suggested: CCP122
<b>Learning+ - Visualization</b>					
Design & Configuration	FactoryTalk View ME and PanelView Plus Programming	<a href="#">CCV204-A-EL</a>	11 hours		Suggested: CCP146
Design & Configuration	FactoryTalk View Site Edition Programming	<a href="#">CCV207-EL</a>	9 hours		Suggested: CCP146
Design software & Implementatoin, Programming	factory talk asset centre design and implementation V10 (P)	<a href="#">FTAC</a>	7 hours		
<b>Learning+ - Power Control</b>					
Design, Configuration, Operations & Maintenance	PowerFlex 750-Series Configuration and Startup	<a href="#">CCA182-EL</a>	3 hours		Suggested: CCA101
Design, Configuration ,Maintenance & Troubleshooting	Power flex 750 series maintenance and troubleshooting (M)	<a href="#">CCA183-EL</a>	3 hours		
Design, Configuration, Operations & Maintenance	PowerFlex 750-Series Configuration for an Integrated Control System	<a href="#">CCA184-EL</a>	3 hours		Suggested: CCA182 and CCP146
Design, Configuration, Operations & Maintenance	PowerFlex525 Startup & Configuration	<a href="#">CCA185-EL</a>	2 hours		
Design, Configuration, Operations & Maintenance	Connected Components Workbench	<a href="#">CCATBD-EL</a>	To be released in 2022		
Design, Configuration, Operations & Maintenance	Connected Components Workbench Programming	<a href="#">CMP100-EL</a>	4 hours		Ability to perform basic Microsoft Windows tasks
<b>Learning+ - OT &amp; IT Industrial Networks , Industrial Internet of Things (IIoT)</b>					
Design, Configuration, Operations & Maintenance	EtherNet/IP Configuration and Troubleshooting	<a href="#">CCP183-EL</a>	8 hours		Suggested: CCP146 and CCP153
Design & Configuration	Industrial Network Architecture: Foundation (Logical & Physical Network Infrastructure Design)	<a href="#">INA201-EL</a>	8 hours		Suggested: CCP183
Design & Configuration	Industrial Network Architecture: Intermediate (Wireless Architectures, Resiliency Protocols, Network Security )	<a href="#">INA202-EL</a>	7 hours		Suggested: INA201
Design & Configuration	Industrial Network Architecture: Advanced Part 1 (Converged Multi-service Plant-wide Network Design & Security)	<a href="#">INA203-EL</a>	8 hours		Suggested: INA202
Design & Configuration	Industrial Network Architecture: Advanced Part 2 (Industrial Demilitarized Zone Technologies, Secure Remote Access, Virtualization & Industrial Data Centers )	<a href="#">INA204-EL</a>	7 hours		Suggested: INA203
<b>Learning+ - Motion Control</b>					
Design, Configuration, Operations & Maintenance	Motion Control Fundamentals Using Kinetix 5700 (CIP) Servo Drives	<a href="#">CCN132-EL</a>	6 hours		Suggested: CCP299 or CCP298
Design & Configuration	Studio 5000 Logix Designer Level 4: Kinetix 5700 (CIP) Programming	<a href="#">CCN144-A-EL</a>	6 hours		Suggested: (CCN132 or CNI130) and CCP143
<b>Learning+ - Machine Safety</b>					
Design & Configuration	GuardLogixApplication Development & Troubleshooting	<a href="#">SAF-LOG104-EL</a>	3 hours		Suggested (CCP143 AND CCP250)
Understand the Functional Safety for Machinery	SAF-TUV1-Functional Safety for Machinery Introduction	<a href="#">TBD-EL</a>	To be released in 2022		
<b>Learning+ - Process Control</b>					
Design, Configuration, Operations & Maintenance	Vibration / Condition Monitoring	<a href="#">EK-ICM101E-EL</a>	3 hours		
Operations & Maintenance	Plant Pax Operating & Maintenance	<a href="#">PRSTBD-EL</a>	To be released in 2022		
Design & Configuration	Plant Pax System Design & Implementation	<a href="#">PRS201-EL</a>	5 hours		
Design & Operation	Plant Pax System Oeprations	<a href="#">PRS-203-EL</a>	3 hours		
<b>Legacy Products</b>					
System Design & Programming	SLC500 AND RSL LOGIX 500 programming (P)	<a href="#">CCPS41</a>	8 hours		
<b>Learning+ - Cyber Security</b>					
Networking	CISO cber security ( Avanet)	<a href="#">TBD-EL</a>	To be released in 2022		
<b>Recommended for</b>					
Workstations provide ideal practice for: + New hires + New technologies + System upgrades + New production processes + Transitioning employees + Competency assessments	<b>Training Workstation Description</b>	<b>Training Workstation Code (Url to workstation profile)</b>			
	ControlLogix Workstation – No Motion (10-slot chassis)	<a href="#">ABT-TDCLX3-C</a>			
	GuardLogix Controller Workstation	<a href="#">ABT-TDGRDLX1-B</a>			
	AADvance Control Systems Workstation	<a href="#">ABT-TDAADV</a>			
	CompactLogix Integrated Architecture Workstation	<a href="#">ABT-TDIALITE-A</a>			
	PowerFlex 755 & Motor Workstation	<a href="#">ABT-TDPF755-A</a>			
	Kinetix 5700 Workstation	<a href="#">ABT-TDK5700</a>			
	Stratix 5700 EtherNet/IP & PanelView Plus 7 Workstation	<a href="#">ABT-TDENET5700-A</a>			
	ThinManager Workstation	<a href="#">ABT-TDTHINMGR</a>			
	Machine Safety Components Workstation	<a href="#">ABT-TDSAFCOMP</a>			

Notes  
 1. For any training enquiries, pls email  
 CSMSSEATrainin@ra.rockwell.com  
 2. Training website :  
[https://www.rockwellautomation.com/en\\_SEA/products/training/overview.page](https://www.rockwellautomation.com/en_SEA/products/training/overview.page)