

Training Portfolio Overview



Standardized Product-Related Training



Based on products and systems of Sector Industry

Customer-Tailored
Training



Based on customer specific applications and locations

Oriented on different target groups

Focus on hands on training

Worldwide trainer certification and qualification standards

Consulting and E-learning



Skills Gap Audits –
Competence development

E-learning offering

Training Equipment



Based on products and systems of Sector Industry

Designed for optimized learning support

SITRAIN Digital Industry offers you learning paths, courses and certified degrees on the following topics:



Industrial Automation
Systems SIMATIC

Drive Technology SINAMICS

Industrial Communications

Motion Control

Operator Control and Monitoring Systems SIMATIC HMI

Process Instrumentation

Digital Enterprise

Process Control Systems SIMATIC PCS 7 and SIMATIC PCS neo

Industrial Automation Systems SIMATIC

SIMATIC S7-1500, TIA Portal, SIMATIC S7-300/-400, SIMATIC S7-1200



Latest Automation Systems TIA-Portal Software & 1200/1500 PLC's



SIEMENS

Ingenuity for life



Latest Automation Systems TIA-Portal Software & 1500 PLC

SIEMENS

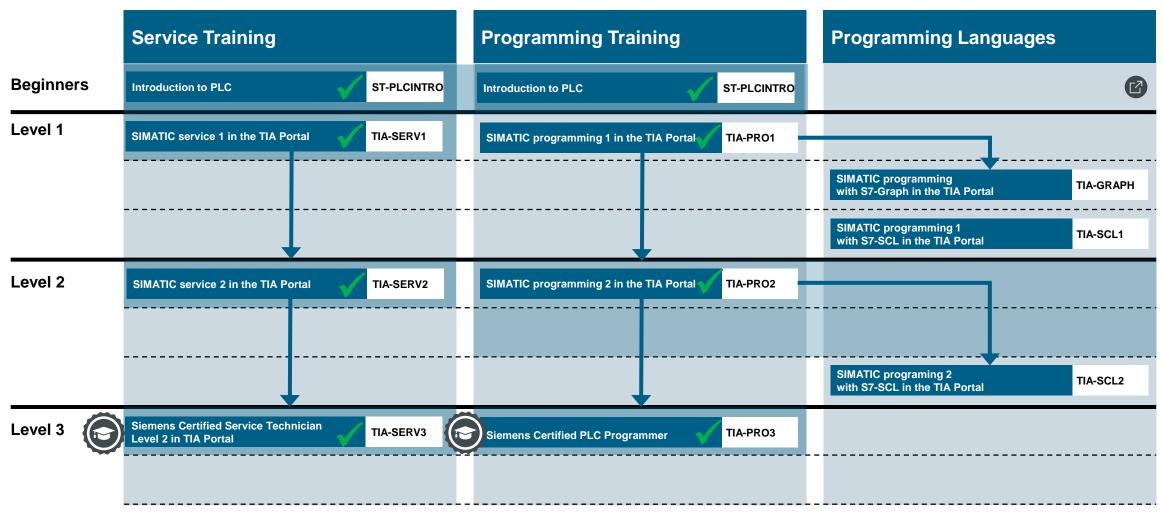
Ingenuity for life

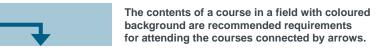




Trainings for SIMATIC S7-1500 in the TIA Portal









Latest Automation Systems TIA-Portal Networking

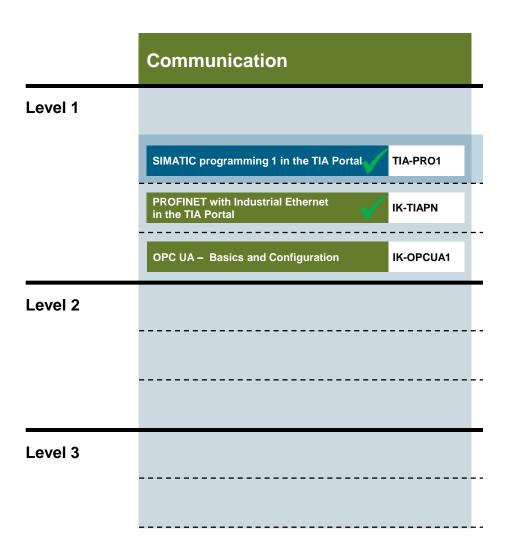






Trainings for SIMATIC S7-1500 in the TIA Portal







5/22/2020

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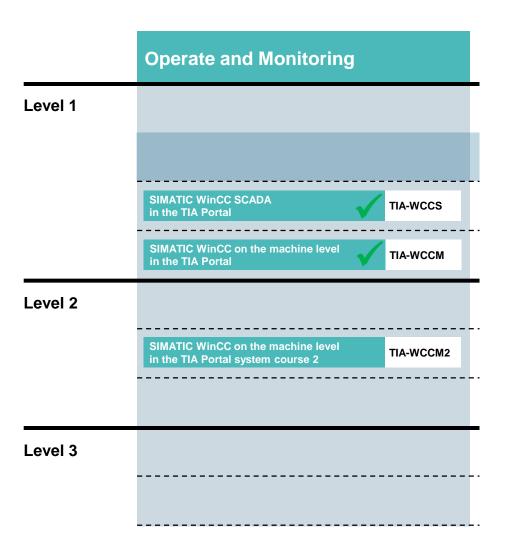
Latest Automation Systems TIA-WinCC (Operator Panels & SCADA)





Trainings for SIMATIC S7-1500 in the TIA Portal





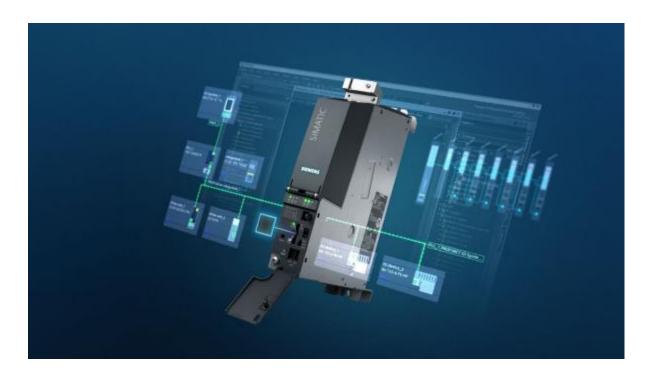






Latest Automation Systems TIA-Portal Motion Control

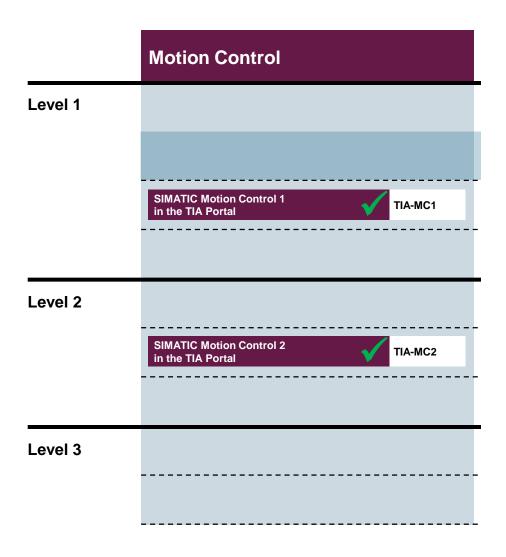






Trainings for SIMATIC S7-1500 in the TIA Portal





Classic Automation Systems STEP 7 Software & 300/400 PLC's

















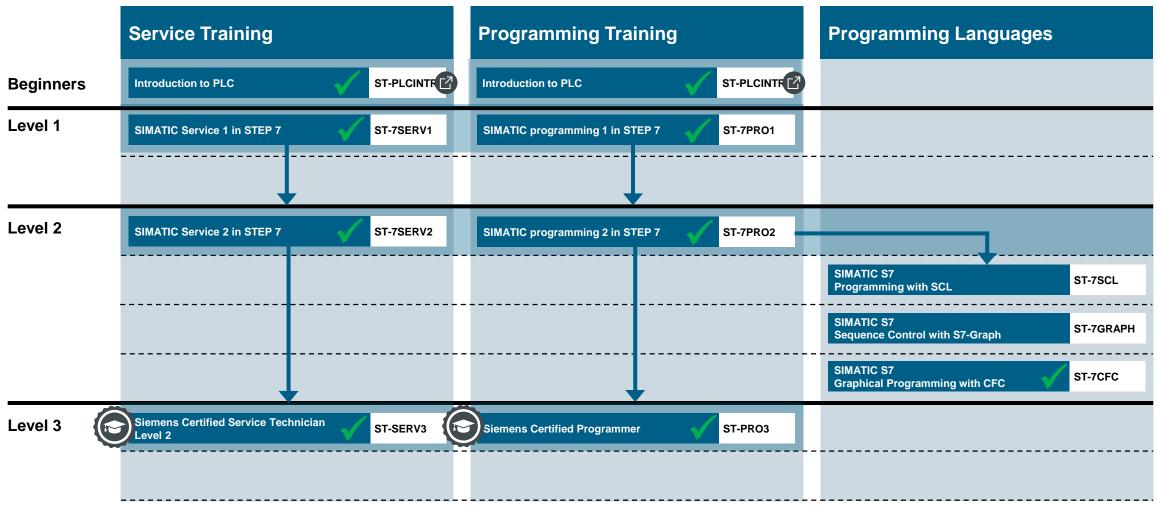
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Trainings for SIMATIC S7-300/-400 STEP 7 V5.x

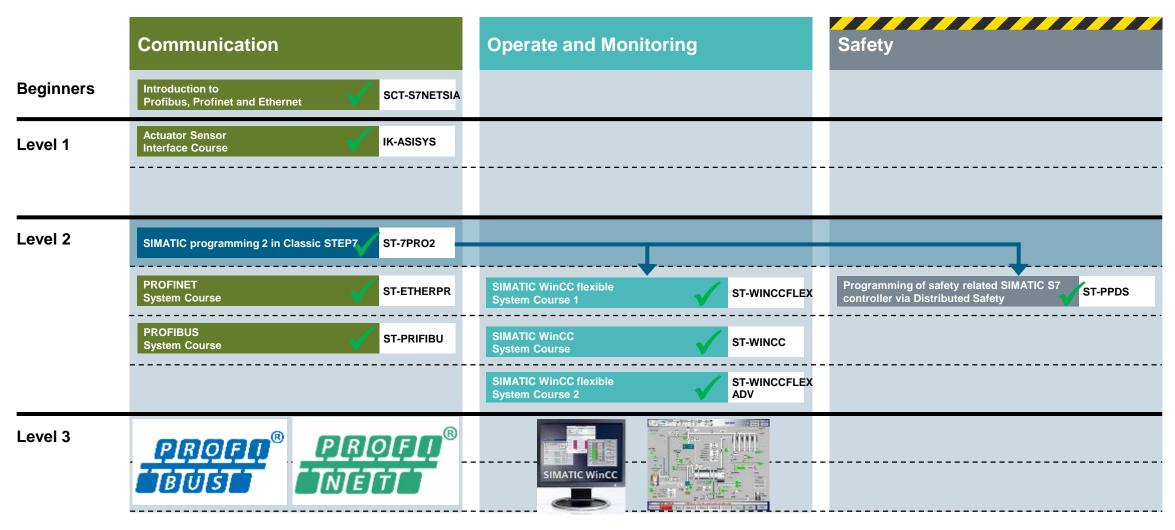






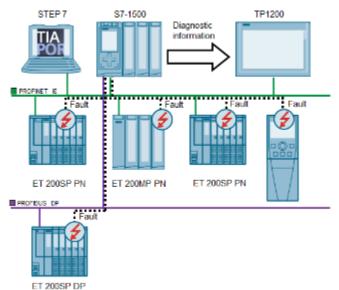
Trainings for SIMATIC S7-300/-400 STEP 7 V5.x





Specialized Training Fault Finding and Diagnostics





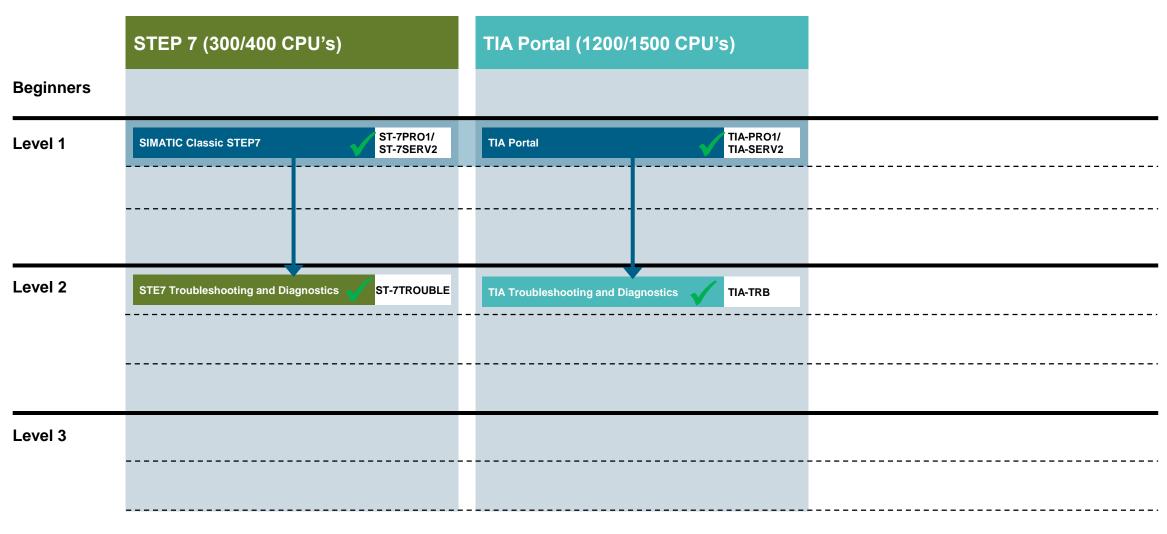






Trainings focusing on faultfinding and diagnostics





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background are recommended requirements

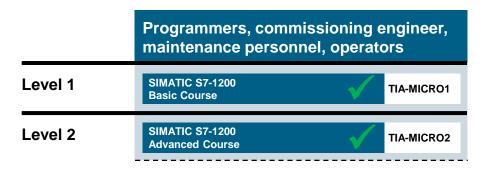
Latest Automation Systems TIA-Portal Software & 1200 PLC (Micro Automation)







Trainings for SIMATIC S7-1200





Industrial Communication

PROFINET, PROFIBUS, Industrial Ethernet, OPC and Industrial Remote Communication



Trainings for Industrial Communication



	PROFINET		PROFIBUS	ASI
Beginners	Introduction to Profibus, Profinet and Ethernet	SCT-S7NETSIA		
Level 1				Actuator Sensor Interface Course IK-ASISYS
Level 2	PROFINET with Industrial Ethernet in TIA Portal	TIA-PN	PROFIBUS System Course for STEP7 ST-PROFIBU	
	PROFINET System Course for STEP7	ST-ETHERPR		







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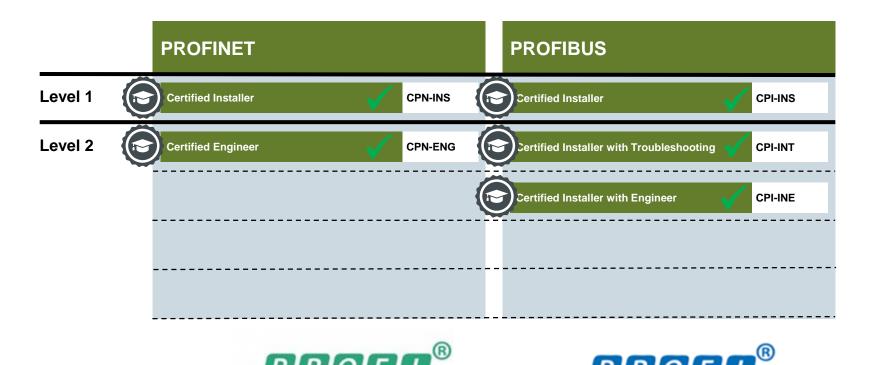
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Certified Profibus International Courses



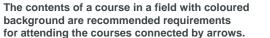
















Operator Control and Monitoring Systems SIMATIC HMI

SIMATIC WinCC in the TIA Portal, SIMATIC WinCC V7.x



Trainings for Operator Control and Monitoring Systems SIMATIC HMI (Operator Panels and SCADA)



	SIMATIC WinCC V7.x	SIMATIC WinCC in the TIA Portal – Machine level	SIMATIC WinCC in the TIA Portal – SCADA	
Level 1	SIMATIC programming 1 in STEP 7 ST-7PRO1	SIMATIC programming 1 in the TIA Portal TIA-PRO1	SIMATIC programming 1 in the TIA Portal TIA-PRO1	
	SIMATIC WinCC System Course ST-BWINCCS	SIMATIC WinCC on the machine level in the TIA-WCCM	SIMATIC WinCC SCADA in the TIA Portal TIA-WCCS	
Level 2		SIMATIC WinCC on the machine level in the TIA-WCCM2 TIA Portal System Course 2		
		SiVArc – Options of Automatic Visualization Generation		
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Digital Enterprise



Digital Enterprise TIA in the DE

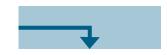




Trainings for the Digital Enterprise



	Trainings for Totally Integrated Automation in the Digital Enterprise	Totally Integrated Automation in the Digital Enterprise – Basics	Totally Integrated Automation in the Digital Enterprise – Code Generation	
Level 1	TIA in the DE – Introduction Compact DI-INTROC	TIA in the DE – Introduction to Standardization DI-STAND		
		Basics of Industrial Security In the factory automation ST-SECFA1	SIMATIC programming 1 in the TIA Portal TIA-PRO1	
		OPC UA – Basics and Configuration IK-OPCUA1	TIA Portal Openness Programming 1 DI-OPEN1	
Level 2			SIMATIC programming 2 in the TIA Portal TIA-PRO2	
			TIA in the DE – Automatic execution of engineering tasks DI-AUTOEN	
			TIA Portal Openness Programming 2 DI-OPEN2	



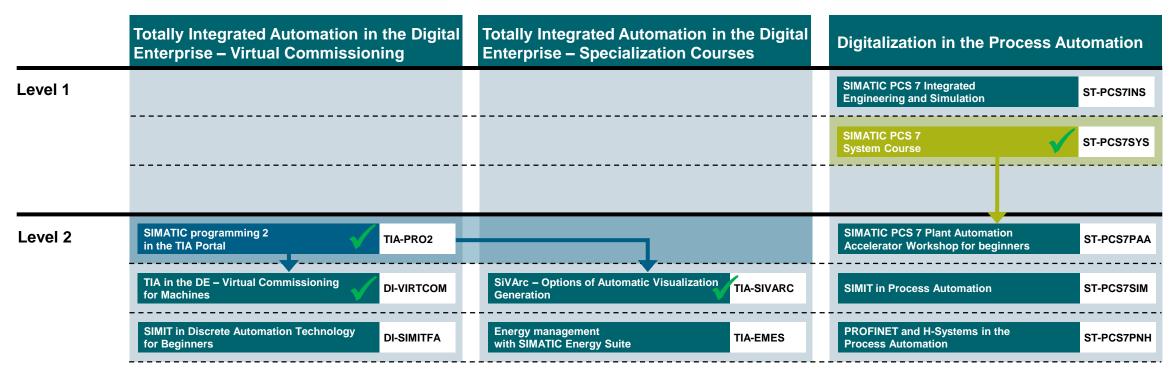
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Trainings for the Digital Enterprise







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Drive Technology SINAMICS

Low Voltage Converter
SINAMICS G120, SINAMICS S120
SINAMICS G130 / G150 / S150
SINAMICS DCM
SINAMICS Medium Voltage Converter
SIMOTICS Motors



Drives & Switchgear SINAMICS G120





Trainings for SINAMICS G120



	Planners, decision makers and sales personnel	Commissioning engineer, programmers	Service personnel, maintenance personnel
Basics	Introduction to Drives DR-DRV-FUN	Introduction to Drives DR-DRV-FUN	Introduction to Drives DR-DRV-FUN
Level 1		SINAMICS G120 – Parameterizing and Commissioning DR-G12-PM	SINAMICS G120 – Parameterizing and Commissioning DR-G12-PM
Level 2		SINAMICS G120 – Parameterizing DR-G12-PA	

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Drives & Switchgear SINAMICS S120







Trainings for SINAMICS S120



	Planners, decision makers and sales personnel		Commissioning engineer, programmers		Service personnel, maintenance personnel	
Basics	Introduction to Drives	DR-DRV-FUN	Introduction to Drives	DR-DRV-FUN	Introduction to Drives	DR-DRV-FUN
Level 1	SINAMICS S120 – Planning and Engineering	DR-S12-PL	SINAMICS S120 – Parameterizing and Commissioning in the TIA Portal	DR-S12-PMT	SINAMICS S120 – Diagnostics and Service	DR-S12-DG
	SIMOTICS Motion Control Motors – Planning and Engineering	DR-MCM-PL	SINAMICS S120 – Parameterizing and Commissioning	DR-S12-PM		
	SIMOGEAR Geared Motors – Planning and Engineering	DR-SGM-PL	SINAMICS S120 – Upgrade to TIA Portal and Startdrive	DR-S12-UP		
Level 2			SINAMICS S120 – Parameterizing Advanced	DR-S12-PA	SINAMICS S120 – Diagnostics at Chassis- and Cabinet Units	DR-S12-CHA
			SINAMICS S120 – Parameterizing Safety Integrated	DR-S12-SAF	SINAMICS S120 – Diagnostics PROFINET and PROFIBUS	DR-S12-NET
			SINAMICS S120 – Parameterizing and Optimization	DR-S12-OPT		



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background are recommended requirements

for attending the courses connected by arrows



Drives & Switchgear SINAMICS G150 / G130 / S150









Trainings for SINAMICS G150 / G130 / S150





Drives & Switchgear SINAMICS DCM







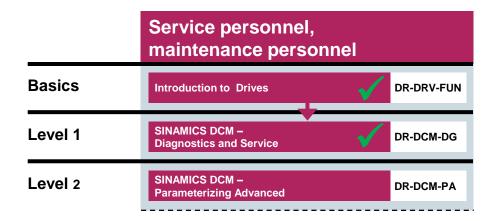






Trainings for SINAMICS DCM

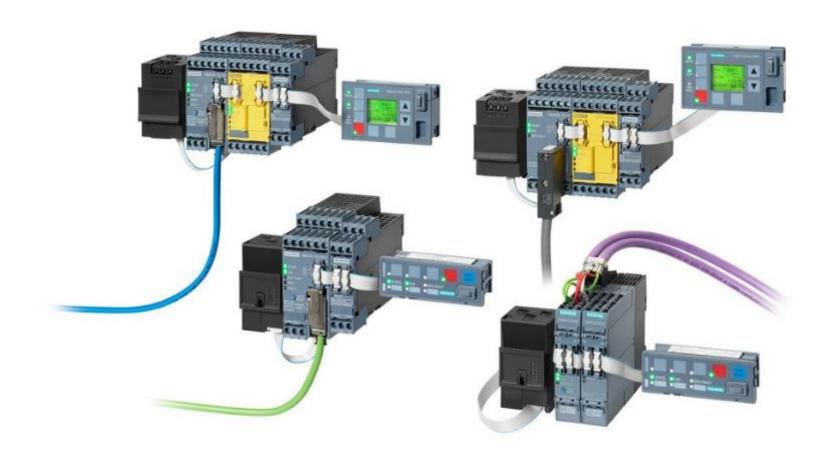




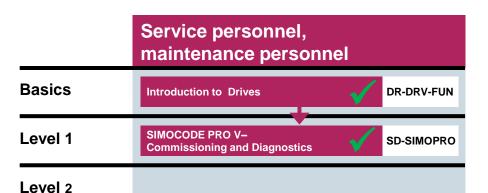


Drives & Switchgear SIMOCODE PRO V





Trainings for SIMOCODE PRO V





Courses offered

in South Africa

Drives & Switchgear SINAMICS Medium Voltage Converter



Ingenuity for life



Trainings for SINAMICS Medium Voltage Converter







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Motion Control



Latest Automation Systems







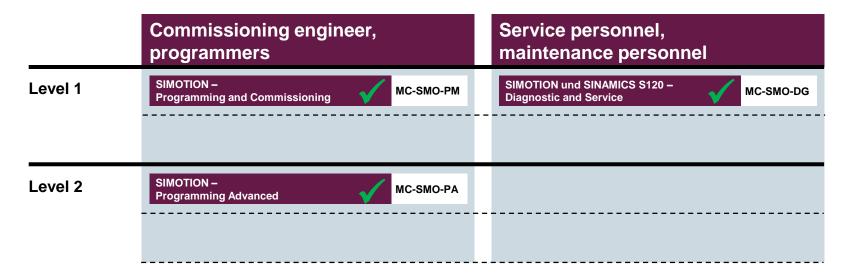




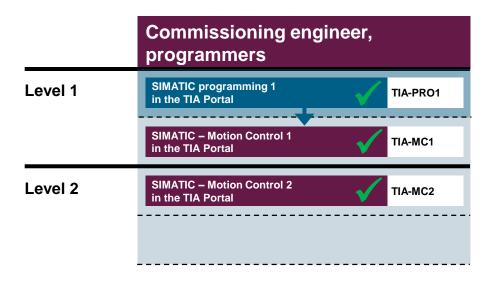
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Trainings for Motion Control SIMOTION





Trainings for Motion Control SIMATIC TIA Portal





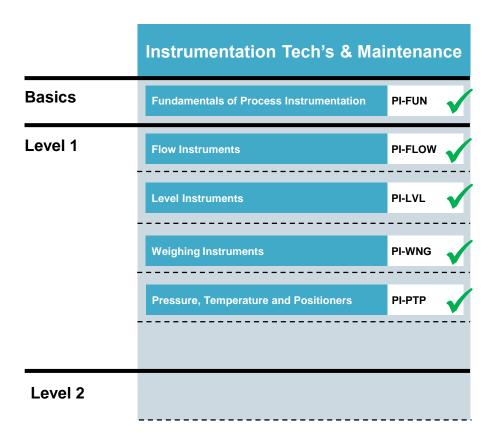


Process
Instrumentation
Courses



Trainings for Process Instrumentation









Process Control Systems SIMATIC PCS 7 SIMATIC PCS neo

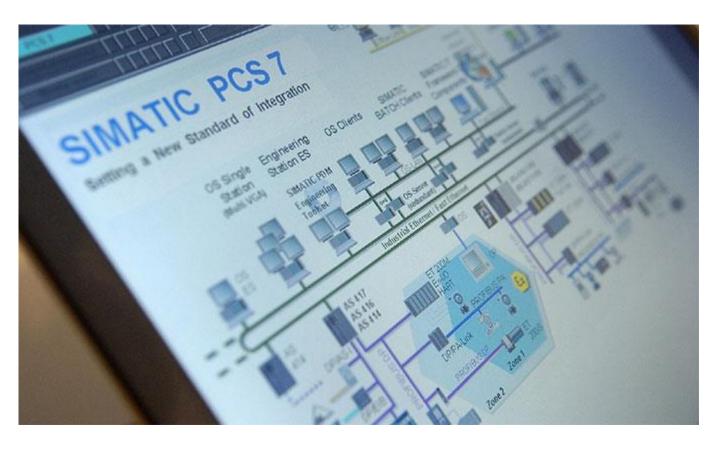
SIMATIC PCS 7, SIMATIC PCS neo



Latest Automation Systems PCS7

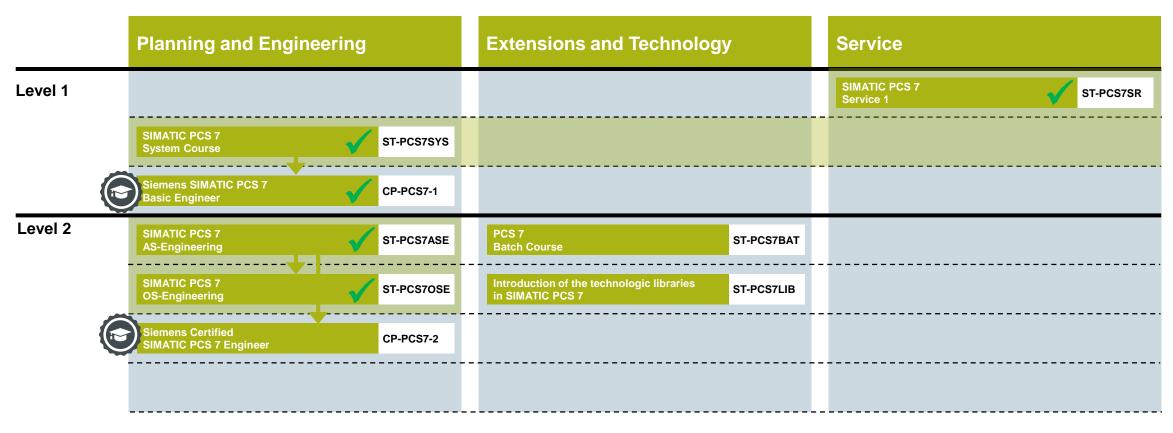






Trainings for SIMATIC PCS 7



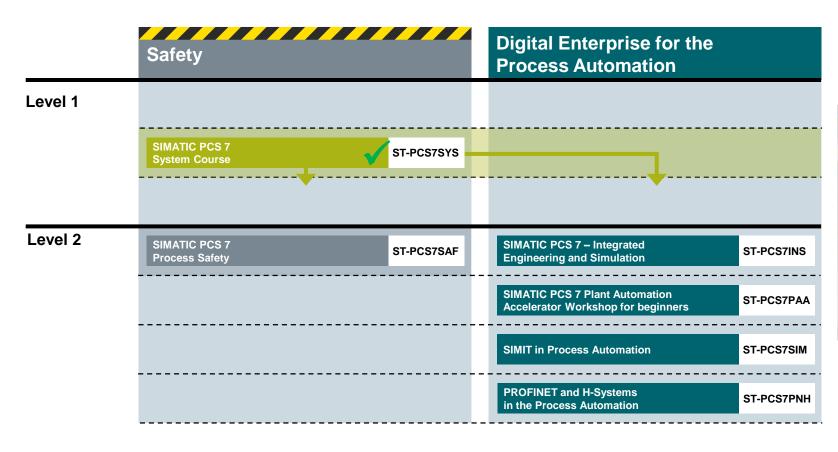


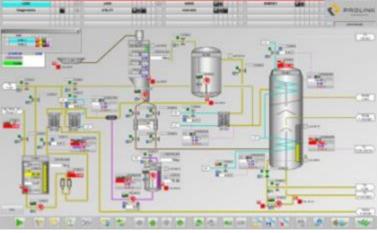




Trainings for SIMATIC PCS 7







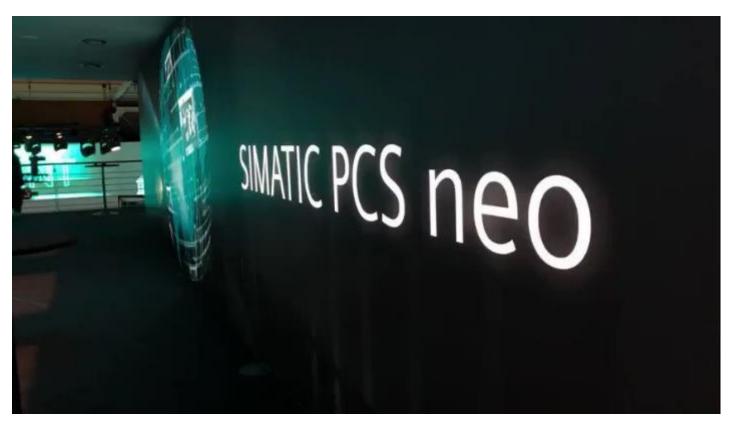




Trainings for SIMATIC PCS neo



	Future of the Process Automation	
Level 1	SIMATIC PCS neo System Training for Beginners	NEO-BASIC
Level 2	SIMATIC PCS neo System Training for PCS 7 Engineers	NEO-SYSUP



SITRAIN – Training for Industry Thank you for your attention!





We'll help you!

All product related info: 0860 80 80 80

Training information:

Tel: 011 652 3206

Or... on the Internet - Online booking

https://new.siemens.com/za/en/product-services/services/industry/sitrain/sitrain-personal.html