



EL SEWEDY AUTOMTION S.A.E



TRAINING COURSES

Training Service Excellency

2023

Empower Your Future with Cutting-Edge
Automation Training



OUR TRAINING SERVICES

El-Sewedy Automation offers trainings for both professionals and students in the following fields:

- ▶ PLC, HMI, and SCADA.
- ▶ Industrial Communication.
- ▶ Electrical/Mechanical/Classic Control.
- ▶ Instrumentation and devices.

Who Can Join?

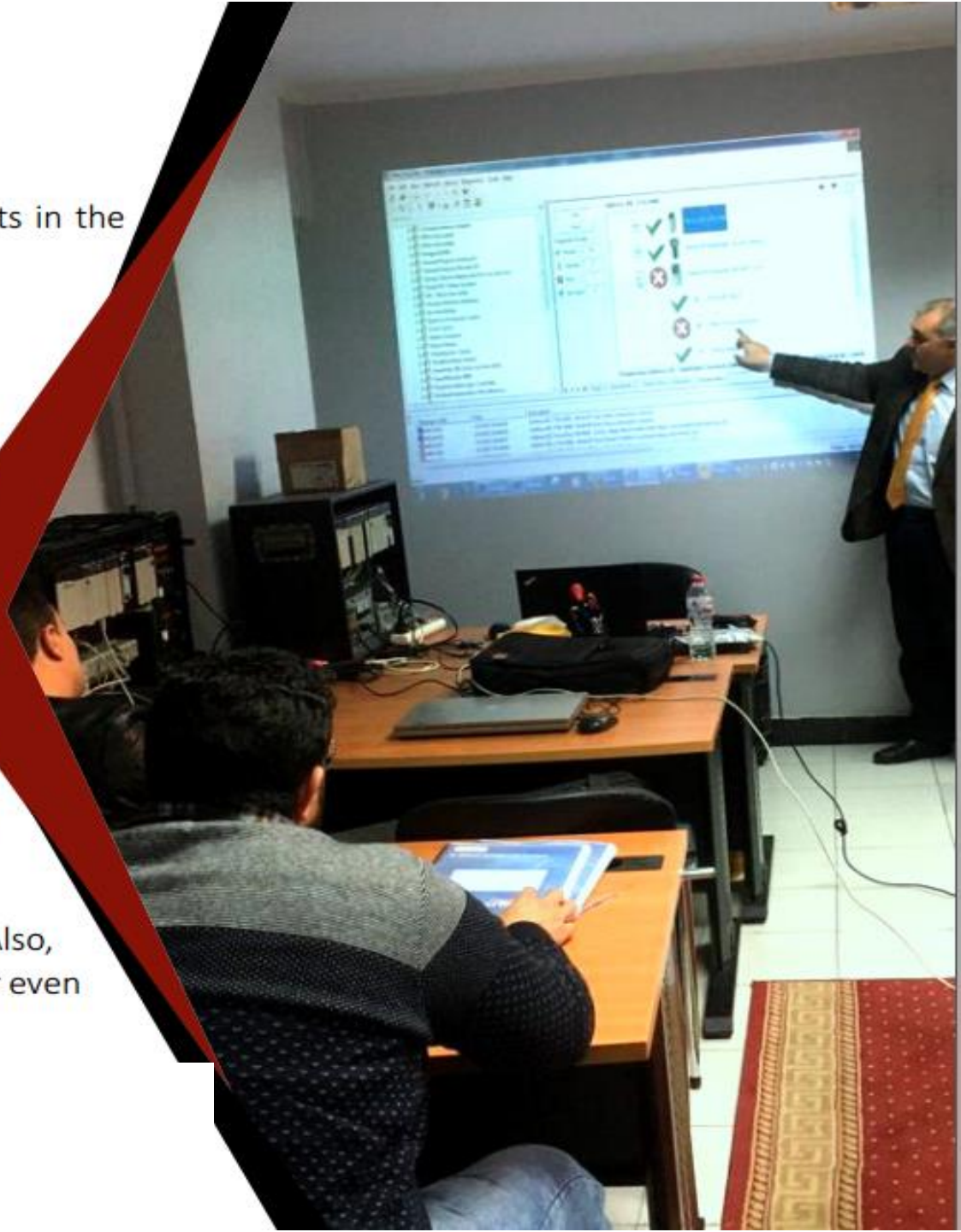
Maintenance Engineers, Programmers, and there are special training programs for students.

Who Are Your Instructors?

El-Sewedy Automation have a team of professionals "Group of PhDs Engineers" in Allen Bradly, SIMATIC, SCADA, HMI and Drives. Training team is using training kits dedicated for training courses to let trainee test and check his automation exercises practically as shown in the following figures:

Where Training Courses Can Be Conducted?

El-Sewedy Automation have its own training class in the company location. Also, El-Sewedy Automation offer onsite training for its customer convenience or even in any suitable training places (hotels, training centers...etc.)



+26 Years Of Experience	+1000 Happy Clients	+ 200 Successful Project	+ 400 Trainings
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Code	Allen Brady - Courses	Course Duration	
		Days	Hours
AB-1	Fundamentals of Logix/Studio 5000 Systems	3	20
AB-2	Basic Ladder Logic Editing	3	20
AB-3	Development of a Logix/Studio 5000 Project	4	30
AB-4	Logix/Studio 5000 Maintenance and Troubleshooting	3	20
AB-5	AB Function Block Programming in Logix/Studio 5000	2	15
AB-6	AB Structured Text Programming in Logix/Studio 5000	2	15
AB-7	FactoryTalk View Machine Edition for PVP applications	3	20
AB-8	FactoryTalk View Site Edition for AB SCADA applications	4	30
AB-9	FactoryTalk View ME and PanelView Plus Maintenance and Troubleshooting	2	15
AB-10	EtherNet Network Communication	2	15
AB-11	ControlNet Network Communication	2	15
AB-12	DeviceNet Network Communication	2	20
AB-13	Motion Control Fundamentals and Programming (Ultra & Kinetix)	3	20
AB-14	PowerFlex 750-Series Configuration and Startup	2	15
AB-15	PowerFlex 520-Series Configuration and Startup	2	15



Our Original Rockwell Workstations



Code	Allen Bradly (Condensed Training Packages)	Courses Included	Course Duration	
			Days	Hours
AB-P1	ControlLogix & CompactLogix Fundamental Maintenance and Troubleshooting	Fundamentals of Logix/Studio 5000 Systems	5	30
		Basic Ladder Logic Editing		
		Logix/Studio 5000 Maintenance and Troubleshooting		
AB-P2	Allen Bradley NetLinx Communication	EtherNet Network Communication	5	30
		ControlNet Network Communication		
		DeviceNet Network Communication		
AB-P3	ControlLogix Advanced Programming	Advanced Ladder Logic Editing	5	30
		AB Function Block Programming in Logix/Studio 5000		
AB-P4	Visualization - FactoryTalk (SCADA / HMI)	FactoryTalk View Machine Edition for PVP applications	5	30
		FactoryTalk View Site Edition for AB SCADA applications		
AB-P5	PowerFlex AC Drives Configuration and Startup (4-Class, 520 Class, and PF-7 Class)	PowerFlex 750-Series Configuration and Startup	3	20
		PowerFlex 520-Series Configuration and Startup		

Code	Allen Bradley (Legacy Product) Courses	Course Duration	
		Days	Hours
AB-L1	PLC5 Maintenance & Troubleshooting	3	20
AB-L2	PLC 5 Advanced Programming	3	20
AB-L3	SLC500 Maintenance & Troubleshooting	4	30
AB-L4	SLC 500 Advanced Course	3	20
AB-L5	RSView32 SCADA	2	15



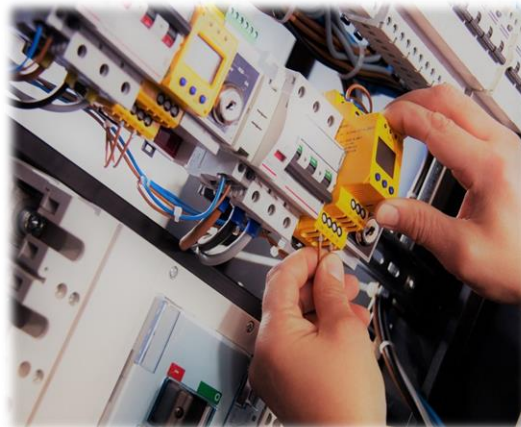
**Our Original Rockwell
Workstations**



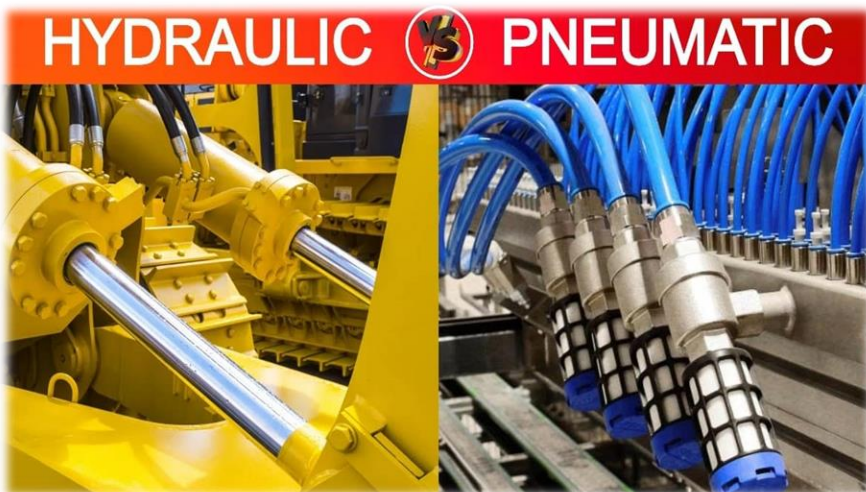
Code	Siemens - Courses		Course Duration	
			Days	Hours
SS-1	Siemens Step 7 300-400 via SIMATIC Manager Level_1		5	30
SS-2	Siemens Step 7 300-400 via SIMATIC Manager Level_2		5	30
SS-3	Siemens Step 7 300-400 via SIMATIC Manager Level_3 (Advanced Programming)		5	30
SS-4	Siemens Step 7 1200-1500 via TIA Portal Level_1		5	30
SS-5	Siemens Step 7 1200-1500 via TIA Portal Level_2		5	30
SS-6	Siemens Step 7 1200-1500 via TIA Portal Level_3 (Advanced Programming)		5	30
SS-7	Variable Speed Drive SIEMENS SINAMICS G120 Operator and Maintenance		3	20
SS-8	Human Machine Interface (HMI) WinCC flexible SIEMENS		3	20
SS-9	SIEMENS WinCC SCADA		5	30
SS-P1	Condensed Training Packages	Siemens Step 7 300-400 Level 1 & 2	7	50
SS-P2		Human Machine Interface (HMI) WinCC flexible SIEMENS + SIEMENS WinCC SCADA	5	30
SS-P3		Variable Speed Drive SIEMENS SINAMICS G120 Operator and Maintenance	2	15



Code	Electric Power Courses	Course Duration	
		Days	Hours
E-1	Power cables; selection, testing & fault locations	3	20
E-2	Fault analysis in power system	3	20
E-3	Operation, Maintenance & Troubleshooting Of 3 Phase Induction	3	20
E-4	Operation & Maintenance Of Circuit Breakers, LV/ MV panel, ACB, VCB	3	20
E-5	Power System Protection and Analysis	3	20
E-6	Maintenance Of Electrical Switchgears.	3	20
E-7	Maintenance of the Power Transformer	3	20
E-8	MV Drives and Soft starters	2	15
E-9	Motor Control Center (MCC)	2	15



Code	Mechanical Courses	Course Duration	
		Days	Hours
M-1	Pneumatic & Hydraulic Systems	3	20
M-2	Firefighting system	3	20
M-3	Piping & Valves System Design	3	20
M-4	Plumbing System	3	20
M-5	HVAC System	3	20



Code	Instrumentation /Control Courses	Course Duration	
		Days	Hours
IC-1	Instrumentation and Controls Fundamentals	3	20
IC-2	Boiler Control System	2	15
IC-3	Industrial Process Control and Tuning	2	15
IC-4	Process Control And Safety System(PLC, DCS, ESD & F&G Systems)	2	15
IC-5	Troubleshooting Instrumentation & Control System	2	15
IC-6	Vibration Fundamentals & Practice	5	30



Code	Soft Skills Courses	Course Duration	
		Days	Hours
SK-1	Strategic Management	3	20
SK-2	Marketing for Non-Marketers	3	20
SK-3	Contemporary Management	3	20
SK-4	Quantitative Analysis and Demand Forecast	3	20
SK-5	Finance for Non-Financial Managers	3	20
SK-6	Human Resource Management	3	20
SK-7	Strategic Planning	3	20
SK-8	Leadership	3	20
SK-9	Feasibility Studies	3	20
SK-10	Accounting for Non-Accountants	3	20
SK-11	Managerial Accounting (Costing)	3	20
SK-12	Budgeting	3	20
SK-13	Presentation Skills & Communication Skills	3	20
SK-14	Conflict Management and Negotiation Skills	2	15
SK-15	Problem Solving & Decision Making	2	15
SK-16	Change Management & Team Building	2	15



Service Level Agreement (SLA)

- ✚ **Course Reservation:** Two weeks before the course starting date.
- ✚ Training courses will be normally conducted at our company training center (Address: 27 Orabi St, Office (706) El-Azbakia, Downtown, 11111-Cairo).
- ✚ In case of conducting the training course for a group of trainees, please inform us about the training program starting date “at least two weeks before it”.
- ✚ Training courses can be conducted at the customer site for a group of trainees (Minimum no. of trainees is 4 or more).
- ✚ Our Training Center is Fully Equipped with Allen Bradley and Siemens Workstations (Laptop and training simulator for every two trainees).
- ✚ **Contact with Training Director:**
 - ✓ **E-mail:** noha.samir@elsewedy-automation.com
 - ✓ **Tel:** (+202) 25763462 **FAX:** (+202) 25763463
 - ✓ **Mobile:** (+2010) 28833712 **WhatsApp:** (+2010) 28833712





Our Training Gallery



OUR CLIENTS

Samples

Oil & Gas



OUR CLIENTS

Samples

Food & Beverage



Steel & Sheet



Aluminum & Mining





AUTOMATION



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Automation Machinery Manufacturing

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