Garnet
Garnet Global Training Center

GGT-EI-107

Electrical, Instrumentation & Control **Rare specialisation**

Industrial Cybersecurity for OT Systems

الأمن السيبراني الصناعي لأنظمة التشغيل

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Industrial Cybersecurity for OT Systems practise the methods, tools and standards they need to perform reliably and solve problems on the job. Power, protection and automation skills for plants, utilities and smart infrastructure. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Industrial Cybersecurity for OT Systems to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

Who should attend

Electrical, instrumentation and control engineers, technicians and maintenance leads. Practitioners with one to five years of experience benefit most.

Key topics

- Power system fundamentals and studies
- Protection, earthing and safety
- Control system architecture
- Field devices and loop checking
- IEC and IEEE standards
- Troubleshooting with real fault records

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

WhatsApp: +971 56 674 7382

Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Industrial Cybersecurity for OT Systems: principles and standards

- Troubleshooting with real fault records
- Regional and international case studies

Day 2 Methods and tools in practice

- Power system fundamentals and studies
- Protection, earthing and safety

Day 3 Diagnosis and problem solving

- Control system architecture
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Field devices and loop checking
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- IEC and IEEE standards
- Measurement and reporting

10-day outline

Day 1 Industrial Cybersecurity for OT Systems: principles and standards

- Troubleshooting with real fault records
- Regional and international case studies

Day 2 Methods and tools in practice

- Power system fundamentals and studies
- Protection, earthing and safety

Day 3 Diagnosis and problem solving

- Control system architecture
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Field devices and loop checking
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- IEC and IEEE standards
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Common mistakes and how to avoid them

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
11–15 Apr 2027	5-day classroom	Cairo	English	4,750
21–25 Jun 2027	5-day classroom	Amsterdam	English	4,750
1–12 Aug 2027	10-day classroom	Riyadh	Arabic	8,950
6–10 Sep 2027	5-day online	Live online	Arabic	2,950
10–21 Jan 2028	10-day online	Live online	English	5,450
7–11 Feb 2028	5-day classroom	London	English	4,750
18–22 Jun 2028	5-day classroom	Kuwait City	Arabic	4,750
8–19 Oct 2028	10-day classroom	Cairo	Arabic	8,950
19–23 Feb 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day classroom	Dubai	English	4,750
18–29 Jun 2029	10-day classroom	Casablanca	Arabic	8,950
6–10 Aug 2029	5-day classroom	Paris	English	4,750
20–31 Jan 2030	10-day classroom	Kuwait City	English	8,950
11–15 Feb 2030	5-day classroom	Paris	English	4,750
8–19 Apr 2030	10-day online	Live online	Arabic	5,450
5–9 Aug 2030	5-day classroom	Dubai	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/