Garnet
Garnet Global Training Center

GGT-EI-130

Electrical, Instrumentation & Control

Alarm Management

إدارة الإنذارات

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

Overview

This program treats Alarm Management as a managed system: policies, roles, resources, performance indicators and continual improvement. Power, protection and automation skills for plants, utilities and smart infrastructure. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Set up and run Alarm Management as a managed process with clear roles.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.

Who should attend

Electrical, instrumentation and control engineers, technicians and maintenance leads. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Alarm Management: the management framework
- Control system architecture
- Measurement and reporting

Day 2 Planning, resources and budgets
- Field devices and loop checking
- IEC and IEEE standards

Day 3 Performance measurement and control
- Troubleshooting with real fault records
- Hands-on workshop on a workplace challenge

Day 4 Risk, compliance and improvement
- Power system fundamentals and studies
- Common mistakes and how to avoid them

Day 5 Management case study and action plan
- Protection, earthing and safety
- Regional and international case studies

10-day outline

Day 1 Alarm Management: the management framework
- Control system architecture
- Measurement and reporting

Day 2 Planning, resources and budgets
- Field devices and loop checking
- IEC and IEEE standards

Day 3 Performance measurement and control
- Troubleshooting with real fault records
- Hands-on workshop on a workplace challenge

Day 4 Risk, compliance and improvement
- Power system fundamentals and studies
- Common mistakes and how to avoid them

Day 5 Management case study and action plan
- Protection, earthing and safety
- Regional and international case studies

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
14–18 Feb 2027	5-day classroom	Cairo	Arabic	4,750
7–11 Mar 2027	5-day classroom	Riyadh	English	4,750
5–16 Jul 2027	10-day classroom	Kuala Lumpur	English	8,950
8–12 Nov 2027	5-day online	Live online	English	2,950
2–6 Jan 2028	5-day classroom	Riyadh	English	4,750
9–20 Apr 2028	10-day classroom	Manama	Arabic	8,950
14–25 Aug 2028	10-day online	Live online	Arabic	5,450
11–15 Sep 2028	5-day classroom	Dubai	Arabic	4,750
18–22 Jun 2029	5-day online	Live online	Arabic	2,950
20–24 Aug 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
21 Oct – 1 Nov 2029	10-day classroom	Kuwait City	English	8,950
9–13 Dec 2029	5-day classroom	Riyadh	Arabic	4,750
21–25 Jan 2030	5-day classroom	Dubai	Arabic	4,750
15–26 Apr 2030	10-day online	Live online	Arabic	5,450
17–21 Nov 2030	5-day classroom	Cairo	Arabic	4,750
2–13 Dec 2030	10-day classroom	Kuala Lumpur	English	8,950

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