Garnet
Garnet Global Training Center

GGT-EI-123

Electrical, Instrumentation & Control

Protection Coordination Studies

دراسات تنسيق الحماية

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

Overview

Participants in Protection Coordination Studies 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 Protection Coordination Studies to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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

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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 Protection Coordination Studies: principles and standards

- Field devices and loop checking
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- IEC and IEEE standards
- Troubleshooting with real fault records

Day 3 Diagnosis and problem solving

- Power system fundamentals and studies
- Regional and international case studies

Day 4 Quality, safety and documentation

- Protection, earthing and safety
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Control system architecture
- Group discussion and peer review

10-day outline

Day 1 Protection Coordination Studies: principles and standards

- Field devices and loop checking
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- IEC and IEEE standards
- Troubleshooting with real fault records

Day 3 Diagnosis and problem solving

- Power system fundamentals and studies
- Regional and international case studies

Day 4 Quality, safety and documentation

- Protection, earthing and safety
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Control system architecture
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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)
11–22 Jan 2027	10-day classroom	Istanbul	English	8,950
21–25 Jun 2027	5-day online	Live online	English	2,950
6–10 Sep 2027	5-day classroom	Dubai	Arabic	4,750
6–10 Dec 2027	5-day classroom	Amsterdam	English	4,750
2–13 Apr 2028	10-day classroom	Riyadh	English	8,950
19–23 Jun 2028	5-day classroom	Istanbul	English	4,750
3–14 Jul 2028	10-day online	Live online	English	5,450
20–24 Aug 2028	5-day classroom	Cairo	English	4,750
18–22 Feb 2029	5-day classroom	Doha	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
7–18 May 2029	10-day classroom	Singapore	English	8,950
11–15 Jun 2029	5-day online	Live online	Arabic	2,950
6–10 Aug 2029	5-day classroom	Istanbul	English	4,750
11–15 Feb 2030	5-day classroom	Geneva	English	4,750
17–21 Mar 2030	5-day classroom	Riyadh	English	4,750
2–13 Sep 2030	10-day classroom	Amsterdam	English	8,950
14–25 Oct 2030	10-day online	Live online	Arabic	5,450

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