Garnet
Garnet Global Training Center

GGT-PG-123

Power Generation & Utilities

Turbine Control & Governor Systems

أنظمة التحكم في التوربينات والحاكمات

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

Overview

Turbine Control & Governor Systems helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. Operation and maintenance of power plants, grids and utility services. 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 Turbine Control & Governor Systems as a managed process with clear roles.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.

Who should attend

Power plant engineers, operators, utility planners and grid specialists. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Thermodynamics and plant performance
- Boilers, turbines and generators
- Grid operation and dispatch
- Reliability and outage planning
- Emissions and environmental compliance
- Plant case studies

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 Turbine Control & Governor Systems: the management framework

- Reliability and outage planning
- Measurement and reporting

Day 2 Planning, resources and budgets

- Emissions and environmental compliance
- Plant case studies

Day 3 Performance measurement and control

- Thermodynamics and plant performance
- Hands-on workshop on a workplace challenge

Day 4 Risk, compliance and improvement

- Boilers, turbines and generators
- Common mistakes and how to avoid them

Day 5 Management case study and action plan

- Grid operation and dispatch
- Regional and international case studies

10-day outline

Day 1 Turbine Control & Governor Systems: the management framework

- Reliability and outage planning
- Measurement and reporting

Day 2 Planning, resources and budgets

- Emissions and environmental compliance
- Plant case studies

Day 3 Performance measurement and control

- Thermodynamics and plant performance
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Day 4 Risk, compliance and improvement

- Boilers, turbines and generators
- Common mistakes and how to avoid them

Day 5 Management case study and action plan

- Grid operation and dispatch
- 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)
18–29 Apr 2027	10-day classroom	Cairo	Arabic	8,950
4–8 Oct 2027	5-day online	Live online	English	2,950
14–18 Nov 2027	5-day classroom	Kuwait City	Arabic	4,750
20–24 Dec 2027	5-day classroom	Dubai	Arabic	4,750
3–14 Jan 2028	10-day classroom	London	English	8,950
3–7 Apr 2028	5-day classroom	Istanbul	English	4,750
7–11 Aug 2028	5-day classroom	Paris	English	4,750
18–29 Dec 2028	10-day online	Live online	English	5,450
19–23 Mar 2029	5-day classroom	Singapore	English	4,750

Dates	Format	City	Language	Fee (USD)
17–21 Jun 2029	5-day classroom	Doha	English	4,750
19–30 Nov 2029	10-day classroom	Istanbul	English	8,950
3–7 Dec 2029	5-day online	Live online	English	2,950
21 Apr – 2 May 2030	10-day classroom	Riyadh	English	8,950
5–9 Aug 2030	5-day classroom	Istanbul	English	4,750
9–20 Sep 2030	10-day online	Live online	English	5,450
20–24 Oct 2030	5-day classroom	Cairo	Arabic	4,750

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