Elevora
Global Training

COURSE BROCHURE

Gas Turbines Operation and Maintenance

Mechanical & Rotating Equipment

Code	Duration	Formats	Language	Certificate
ME-106	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical mechanical and rotating equipment course covering gas turbine principles, combustion and hot section and performance and efficiency. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Gas Turbines Operation and Maintenance gives delegates a structured, practical understanding of gas turbine principles and combustion and hot section, then builds the skills to apply performance and efficiency, inspection intervals and overhaul and controls and protection in real work. Sessions are led by practitioners with at least 15 years in the field.

Who should attend

Mechanical engineers, maintenance supervisors, technicians, inspectors and reliability staff.

What you will learn

- Gas turbine principles
- Combustion and hot section
- Performance and efficiency
- Inspection intervals and overhaul
- Controls and protection

5-day course outline

Day 1	**Gas turbine principles**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Combustion and hot section**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Performance and efficiency**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Inspection intervals and overhaul**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Controls and protection**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Gas turbine principles** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Combustion and hot section and performance and efficiency** — Group exercises that combine methods from week one.
Day 8	**Field case study: Inspection intervals and overhaul** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Controls and protection** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
8 Nov 2026 to 12 Nov 2026	Cairo	5 days	**$2,450**
21 Dec 2026 to 25 Dec 2026	London	5 days	**$3,450**
17 Jan 2027 to 21 Jan 2027	Cairo	5 days	**$2,450**
14 Feb 2027 to 25 Feb 2027	Cairo	10 days	**$4,450**
15 Mar 2027 to 26 Mar 2027	Barcelona	10 days	**$6,250**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

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