Elevora
Global Training

COURSE BROCHURE

Wind Energy Operations and Maintenance

Renewable Energy & Power Transition

Code	Duration	Formats	Language	Certificate
RE-102	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical renewable energy and power transition course covering wind resource and turbine technology, turbine components and control systems and condition monitoring of wind turbines. 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

Wind Energy Operations and Maintenance gives delegates a structured, practical understanding of wind resource and turbine technology and turbine components and control systems, then builds the skills to apply condition monitoring of wind turbines, maintenance strategies and safety and performance and availability analysis in real work. Sessions are led by practitioners with at least 15 years in the field.

Who should attend

Power, electrical and mechanical engineers, project developers, asset managers and energy planners moving into low-carbon energy.

What you will learn

- Wind resource and turbine technology
- Turbine components and control systems
- Condition monitoring of wind turbines
- Maintenance strategies and safety
- Performance and availability analysis

5-day course outline

Day 1	**Wind resource and turbine technology**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Turbine components and control systems**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Condition monitoring of wind turbines**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Maintenance strategies and safety**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Performance and availability analysis**	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: Wind resource and turbine technology** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Turbine components and control systems and condition monitoring of wind turbines** — Group exercises that combine methods from week one.
Day 8	**Field case study: Maintenance strategies and safety** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Performance and availability analysis** — 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
15 Nov 2026 to 19 Nov 2026	Cairo	5 days	**$2,450**
7 Dec 2026 to 11 Dec 2026	Istanbul	5 days	**$2,450**
11 Jan 2027 to 15 Jan 2027	Kuala Lumpur	5 days	**$2,450**
15 Feb 2027 to 19 Feb 2027	Dubai	5 days	**$2,450**
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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