

Senior Electrotech Course

London (UK)

6 - 31 July 2026

UK Training

PARTNER



Senior Electrotech Course

Code: IT28 From: 6 - 31 July 2026 City: London (UK) Fees: 0 Pound

Introduction

In today's era, organizations and professionals need to advance their technical and leadership capabilities to meet market demands and achieve operational excellence. The "Senior Electrotech Course" offers a unique opportunity to provide participants with advanced knowledge and high-level practical skills in electrical and electronic systems and project management. This course targets executives, team leaders, and specialized engineers who seek to enhance their competencies in managing advanced technical systems and projects. The course extends over four months, from 07 July 2025 to 13 November 2025, covering diverse and integrated topics.

Course Objectives

- Develop leadership and technical skills in electrical and electronic engineering fields.
- Master high voltage systems management.
- Efficiently manage HELM systems.
- Maintain AMERC GMDSS marine radio systems.
- Gain in-depth knowledge of AMERC ENEM systems.
- Develop skills as a telecommunications system engineer.
- Master project management for complex technical projects.

Course OutlineOver Four Months

- Month One: HELM Management
- Month Two: High Voltage Management
- Month Three: AMERC GMDSS Radio Maintenance & AMERC ENEM
- Month Four: Telecommunications System Engineer & Projects Management

Month One: HELM Management

- Comprehensive introduction to HELM system management.
- Strategies for enhancing operational efficiency and safety.
- Risk analysis and compliance with international standards.
- Developing periodic maintenance plans for HELM systems.
- Practical workshops to analyze actual performance.
- Case studies on implementing HELM systems in organizations.

Month Two: High Voltage Management

- Understanding fundamental principles of high voltage system management.
- Safety requirements and regulations for high voltage operations.
- Developing preventive maintenance strategies.
- Failure analysis and troubleshooting electrical networks.
- Improving system reliability and reducing downtime.



- Practical training on safe maintenance and operation.

Month Three: AMERC GMDSS Radio Maintenance & AMERC ENEM

- Introduction to AMERC GMDSS systems and their importance in maritime communication.
- Effective maintenance and repair of system components.
- Study of maritime communication regulations and standards.
- In-depth learning of AMERC ENEM system components.
- Applying periodic maintenance and performance verification.
- Practical tests to assess system readiness.

Month Four: Telecommunications System Engineer & Projects Management

- Analyzing advanced telecommunications system architectures.
- Developing strategies for system design and implementation.
- Integrating communication systems into various work environments.
- Principles and methods of technical project management.
- Managing risks, budgets, and timelines.
- Final practical project to apply acquired skills.

Why Should You Attend? Pros and Cons

- Build advanced technical skills across diverse fields.
- Gain practical experience that can be directly applied.
- Develop leadership and management skills for technical projects.
- Enhance career advancement opportunities with accredited certification.
- Learn global best practices from expert trainers.
- Expand your professional network and connect with industry leaders.
- Strengthen organizational readiness for digital transformation.
- Reduce operational risks and improve system efficiency.

Conclusion

By the end of the "Senior Electrotech Course," you will have gained advanced knowledge and practical skills that qualify you to lead complex technical systems and projects efficiently. You will be able to improve reliability, reduce costs, and strategically achieve maintenance and operational goals. This course represents a real investment in your professional future a



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