Maritime Technical Operations and Safety Training Course

8 – 12 February 2027
Madrid (Spain)



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Ref: 321635_166205 **Date:** 8 – 12 February 2027 **Location:** Madrid (Spain) **Fees:** 5200 GBP

Why This Course

Excellence in maritime operations demands a combination of technical expertise, safety awareness, and effective leadership. This intensive 1-week program equips maritime professionals with the skills and knowledge to operate safely, efficiently, and confidently in complex maritime environments. Through hands-on exercises, simulations, and real-world case studies, participants will master advanced maritime technologies, apply industry best practices, and develop critical decision-making skills for operational and safety management.

What You'll Learn and Practice

By attending this program, you will be able to:

- Master advanced maritime operations and safety protocols.
- Develop proficiency with maritime technical equipment and systems.
- Understand and apply industry regulations and compliance standards.
- Enhance problem-solving abilities for maritime emergencies and operational challenges.
- Strengthen leadership, teamwork, and communication skills in maritime environments.

The Program Flow

Day 1: Maritime Operations Fundamentals

- Overview of maritime industry trends and challenges
- Advanced navigation systems and techniques
- Vessel traffic management and communication protocols
- Maritime law and international regulations

Day 2: Maritime Safety and Risk Management

- Risk assessment and mitigation strategies
- Emergency response planning and execution
- Personal safety equipment and procedures
- Environmental protection and pollution prevention



Day 3: Advanced Maritime Technologies

- Integrated bridge systems and automation
- Maritime cybersecurity and data management
- Emerging technologies in maritime operations
- Maintenance and troubleshooting of maritime equipment

Day 4: Maritime Leadership and Human Factors

- Effective communication in maritime environments
- Leadership and team management at sea
- Fatigue management and crew welfare
- Cultural awareness in international maritime operations

Day 5: Practical Applications and Simulations

- Hands-on exercises with maritime equipment
- Crisis management simulations
- Case studies of maritime incidents and lessons learned
- Final assessment and course review

Individual Impact

Participants will leave the course with:

- Enhanced operational efficiency and safety management skills.
- Improved decision-making abilities in high-pressure maritime environments.
- Increased proficiency in using advanced maritime technologies.
- Strengthened leadership, communication, and teamwork skills at sea.

Organizational Impact

Organizations will benefit from:

- Safer and more efficient maritime operations.
- Improved compliance with industry regulations and international standards.
- Better preparedness for emergency and crisis situations.
- Teams equipped with advanced technical and leadership skills to enhance performance.



Training Methodology

- Hands-on exercises and real-world simulations
- Practical case studies and operational scenarios
- Collaborative problem-solving and team-based learning
- Application of advanced maritime technologies and safety practices

Beyond the Course

By the end of the one week, participants will be fully prepared to:

- Operate safely and efficiently using modern maritime technologies.
- Apply regulatory standards and best practices across maritime operations.
- Lead teams effectively and make sound decisions during emergencies.
- Enhance organizational safety, operational performance, and resilience at sea.

