



## SUSTAINABLE BLUE ECONOMY PROFESSIONAL

# Marine Technician

As a Marine Technician in the Coastal and Marine Tourism sector, you maintain and operate equipment essential for marine activities and vessel operations. Working with engineers and operators, you support the design, testing, and maintenance of systems on vessels, ensuring safe and efficient operations for tourism activities.



### JOB DUTIES

- Inspect and maintain vessel engines, electrical systems, and onboard equipment;
- Perform repairs on mechanical and electrical systems;
- Install and calibrate navigation, communication, and safety equipment;
- Conduct regular safety checks on life-saving equipment to ensure regulatory compliance;
- Monitor system performance during tours and address any technical issues that arise;
- Document maintenance and repair activities in service logs; and
- Collaborate with captains, crew members, and operators.



### EDUCATION

If you're considering a career as a Marine Technician, a strong interest in mechanics, marine systems, and hands-on problem-solving is essential. Passion for working with vessels and maintaining equipment in marine settings will support your success in this role.

- Diploma or Certification:
  - Programs in Marine Technology, Mechanical Engineering Technology, or a related field.
- Apprenticeships:
  - Completing an apprenticeship in marine mechanics or a similar area.
- Additional Training:
  - Certifications in areas like electrical systems or marine electronics; and/or
  - Specialized training such as the American Boat & Yacht Council (ABYC) Marine Electrical Certification or the National Marine Electronics Association (NMEA) Marine Electronics Installer.



### TECHNICAL SKILLS

- Proficiency in Mechanical Repair and Maintenance;
- Knowledge of Marine Electronics and Navigation Systems;
- Ability to Conduct Safety Checks and Protocols;
- Familiarity with Electrical and Hydraulic Systems;
- Competence in Diagnosing and Troubleshooting Mechanical and Electrical Issues; and
- Understanding of Marine Propulsion Systems and Engine Operations.



### PERSONAL & PROFESSIONAL SKILLS

- Attention to Detail
- Problem-Solving
- Physical Stamina and Dexterity
- Communication
- Teamwork
- Organizational Skills
- Adaptability to Dynamic Work Environments
- Effective Time Management



### WHERE TO WORK

Marine Technicians in coastal and marine tourism can find employment across various settings where marine operations support tourism activities. common employers include:

**Coastal and Marine Tourism Operators | Recreational Boating and Sailing Companies | Eco-tourism Organizations Specializing in Marine Activities Marine Equipment Maintenance and Repair Facilities | Yacht Charter Companies and Marinas | Cruise Lines offering Coastal and Marine Tours Government Parks and Recreation Departments with Marine Programs**



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