

# Training Covers the Whole Boat

## **SAFETY**

*Boatyard Safety*

*WHMIS*

## **DESIGN**

*Marine Terminology*

*Technical Drawings*

*Measuring, Fitting & Layout*

*Hydrostatics & Stability*

## **TOOLS**

*Hand, Portable & Stationary Tools*

*Compressed Air Equipment*

*Fasteners, Adhesives & Abrasives*

## **METALS**

*Fabrication, Fairing & Finishing*

*Corrosion Control*

## **WOOD**

*Structural repairs*

*Hardware Installations*

*Cold Molded Construction*

*Fairing & Sheathing*

*Decking*

## **COMPOSITES**

*Structural Repairs*

*Cosmetic Repairs to Gel Coat*

*Cored Laminates*

*Non-Skid Surfaces*

*Custom Fabrication*

## **MARINE**

### **INSTALLATIONS**

*Marine Powerplants*

*Steering Gear & Hydraulics*

*Shafts, Bearings, Couplings & Propellers*

*DC Electrical Systems*

*AC Electrical Systems*

*Electronics*

*Refrigeration and A/C and Heating Systems*

*Docking, Securing, Hauling and Blocking*

*Sailboat Masts and Rigging*

*Fresh Water, Saltwater and Waste Water Plumbing*

*Thru-Hulls & Underwater Fittings*

## **PAINT**

*Spray & Brush Applications*

*Multi-component Paints*

*Anti-fouling Paints*

## **BUSINESS PRACTICES**

*Project Management*

*Business Economics*

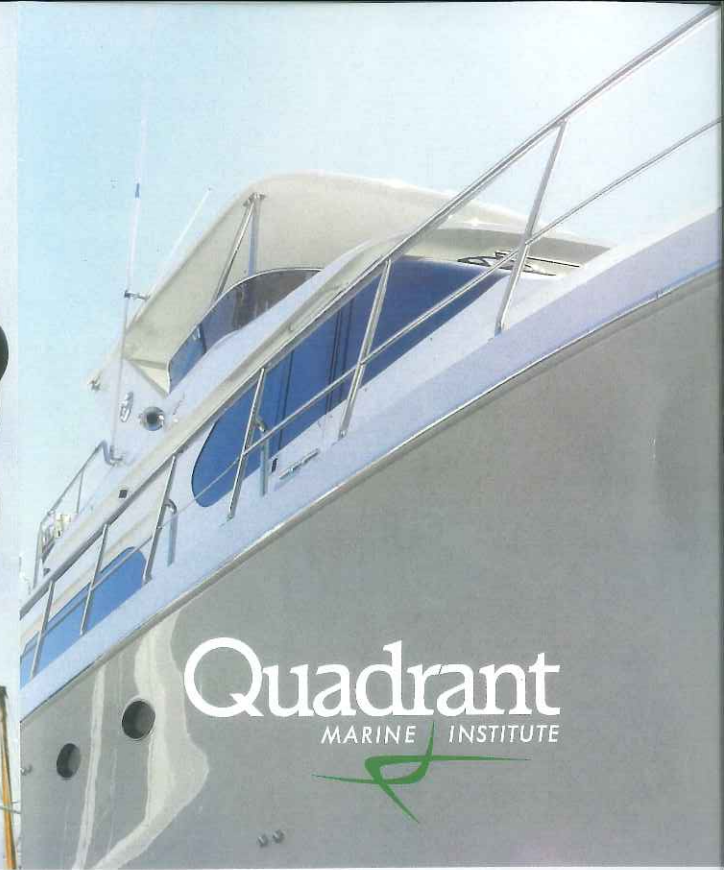
*Communications*

*Quality Assurance*

*Environmental Protection*

*Marine Surveying*

**AND MORE.**



**Quadrant**  
MARINE INSTITUTE

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# Marine Service Technician

## APPRENTICESHIP TRAINING

**START YOUR CAREER IN MARINE TRADES**

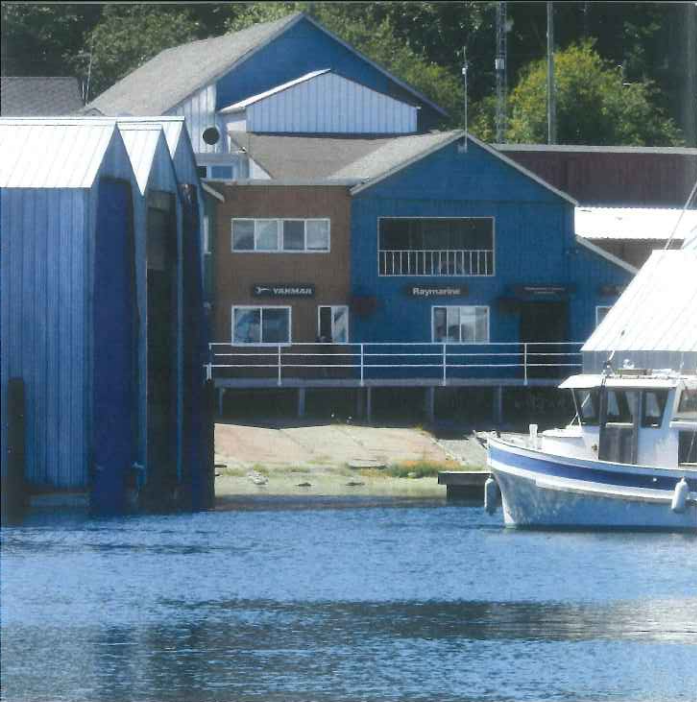
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Training for professionals, by professionals.

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## TECHNICAL TRAINING

Quadrant's marine service technician training is delivered through classroom theory and practical workshop projects. Apprentices receive training in vessel repair, maintenance and construction.

Classes and workshops are held one night a week from September through May in Sidney (Vancouver Island) and Granville Island (Vancouver). After-hours training ensures no lost work time for employees or employers.



# Technician Training

## MARINE SERVICE CAREERS

BC has a strong marine industry and it's a great time to take advantage of the career opportunities.

Marine Service Technicians are employed by marinas, boat repair yards, and specialty marine businesses providing general repair and maintenance services for pleasure craft and light commercial vessels up to 150 feet in length. They are also ideally suited for careers in the boat and yacht building industry.

Marine Service Technician (MST) is a recognized trade under the Industry Training Authority of BC. Graduates receive a Journeyperson ticket.



## COMPETENCY BASED APPRENTICESHIP

The Quadrant MST is 'broadly trained and specifically skilled'. We believe that skill on the shop floor is what matters most.

The training program covers 'the whole boat,' providing the information every technician needs to understand the vessel and all its systems. Professional level trade skills are developed and monitored in the apprentice's workplace. Quadrant works with employers to ensure that skill development and assessment are relevant to the operations and needs of the company.

## INSTRUCTION BY EXPERTS

Quadrant's programs are taught by recognized industry experts, owners and senior staff of marine repair and service companies—people with high levels of experience in their specific sectors of the industry. Quadrant works closely with industry to ensure that training matches the services and career opportunities.