

MARINE SERVICE TECHNICIAN

Occupation Description

“Marine Service Technician” means a person who performs general servicing and repair operations on recreational vessels and light commercial vessels up to 150 feet in length, with specialty skills in one or more of the following areas:

- Composites technology
- Refinishing
- Marine woodworking
- Marine metals
- Mechanical and systems installations
- Sailing vessel rigging

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on the ITA website.

Pathways to Certification

In BC, an individual can become certified as a Marine Service Technician by completing the Marine Service Technician program or by challenging the certification. Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Recommended Education

The following education is recommended for apprentices entering this occupation. These are not prerequisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Grade 12 or equivalent, including English 12
- Mathematics 11 or Apprenticeship and Trade Mathematics 11
- Physics 11 or Science and Technology 11

ITA Registration

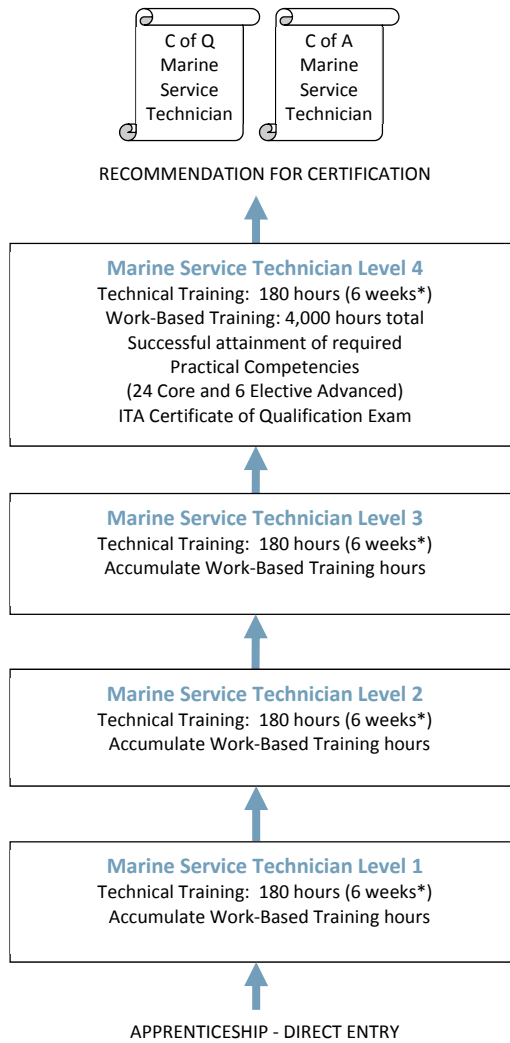
Individuals who wish to begin an apprenticeship in this program must register with ITA along with their sponsors. Application forms for all programs are available from the ITA website. Online registration is also available for most programs through the ITA website.

Those who wish to challenge the Marine Service Technician certification must complete the Marine Service Technician Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

Apprenticeship Pathway

This graphic provides an overview of the Marine Service Technician apprenticeship pathway.

Certificate of Qualification (C of Q)
Certificate of Apprenticeship (C of A)
Work-Based Training (WBT)



**Suggested duration based on 30-hour week*

CROSS-PROGRAM CREDITS

Individuals who hold the credentials below are entitled to receive partial credit toward the completion requirements of this program

- None



INDUSTRY TRAINING PROGRAM PROFILE
RECOGNIZED PROGRAM

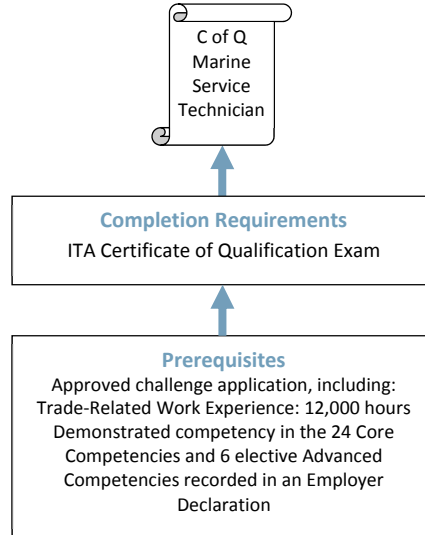
Apprenticeship Pathway Program Standards

Credentials Awarded	<ul style="list-style-type: none"> ▪ Marine Service Technician – Certificate of Qualification ▪ Marine Service Technician – Certificate of Apprenticeship 												
ITA Registration Prerequisites	<ul style="list-style-type: none"> ▪ Agreement signed by the employer to sponsor the apprentice 												
Completion Requirements	<p>Certification as a Marine Service Technician is awarded upon successful completion of:</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Technical Training </td> <td style="vertical-align: top;"> <p>Minimum 70% in each level of technical training:</p> <ul style="list-style-type: none"> ▪ Level 1: 180 hours (or 6 weeks*) and written level exam ▪ Level 2: 180 hours (or 6 weeks*) and written level exam ▪ Level 3: 180 hours (or 6 weeks*) and written level exam ▪ Level 4: 180 hours (or 6 weeks*) and written level exam </td> </tr> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ ITA Certificate of Qualification Exam </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Minimum 70% </td> </tr> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Work-Based Training </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ 4,000 hours </td> </tr> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Successful attainment of 24 required core competencies plus 6 elective advanced competencies </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Workplace Performance Reports (Logbook) signed by the Sponsor ▪ Declared competent </td> </tr> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Recommendation for Certification </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority </td> </tr> </tbody> </table> <p style="text-align: center;"><i>(*Assuming 30 hours in school per week)</i></p>	Requirement	Level of Achievement Required	<ul style="list-style-type: none"> ▪ Technical Training 	<p>Minimum 70% in each level of technical training:</p> <ul style="list-style-type: none"> ▪ Level 1: 180 hours (or 6 weeks*) and written level exam ▪ Level 2: 180 hours (or 6 weeks*) and written level exam ▪ Level 3: 180 hours (or 6 weeks*) and written level exam ▪ Level 4: 180 hours (or 6 weeks*) and written level exam 	<ul style="list-style-type: none"> ▪ ITA Certificate of Qualification Exam 	<ul style="list-style-type: none"> ▪ Minimum 70% 	<ul style="list-style-type: none"> ▪ Work-Based Training 	<ul style="list-style-type: none"> ▪ 4,000 hours 	<ul style="list-style-type: none"> ▪ Successful attainment of 24 required core competencies plus 6 elective advanced competencies 	<ul style="list-style-type: none"> ▪ Workplace Performance Reports (Logbook) signed by the Sponsor ▪ Declared competent 	<ul style="list-style-type: none"> ▪ Recommendation for Certification 	<ul style="list-style-type: none"> ▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority
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Program Duration	<p>Duration varies depending on how training is delivered, but the program generally will take 2 – 6 years to complete, depending on the time required to attain the required practical competencies.</p> <p>The technical training requirement is typically met through part-time training delivered by an ITA-approved training provider. It can also be met through approved alternative training models where these options are available.</p>												
Sign-off Authority	<p>Credentials eligible to sign-off on the Recommendation for Certification:</p> <ul style="list-style-type: none"> ▪ Marine Service Technician – Certificate of Qualification ▪ ITA-issued letter authorizing supervision and sign-off of apprentices in this occupation 												
Challenging a Level	<p>The following levels of technical training can be challenged for advanced placement in this program:</p> <ul style="list-style-type: none"> ▪ None 												
Cross-Program Credits	<p>Individuals who hold the credentials listed below are entitled to receive credit toward the completion requirements of this program</p> <ul style="list-style-type: none"> ▪ Not applicable 												

Challenge Pathway

This graphic provides an overview of the Marine Service Technician challenge pathway.

Certificate of Qualification (C of Q)



CROSS-PROGRAM CREDITS

Individuals who hold the credentials below are entitled to receive partial credit toward the completion requirements of this program

- None

Challenge Pathway Program Standards

Credentials Awarded	Marine Service Technician – Certificate of Qualification				
ITA Registration Prerequisites	<p>An approved Challenge Application, which includes:</p> <ul style="list-style-type: none"> ▪ 12,000 documented hours of directly related experience working in the occupation (6 years) ▪ Documented evidence of competency in the 24 Core Competencies and 6 elective Advanced Competencies as defined by Competency Assessment Standards and recorded in an Employer Declaration of Work Experience 				
Credentials Entitled to Challenge	<p>Individuals who hold the credentials listed below are considered to have met the prerequisites for challenging this program</p> <ul style="list-style-type: none"> ▪ Not applicable 				
Completion Requirements	<p>Certification as a Marine Service Technician is awarded upon successful completion of:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; border: none;">Requirement</th> <th style="text-align: left; border: none;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td style="border: none;">ITA Certificate of Qualification Exam</td> <td style="border: none;"> <ul style="list-style-type: none"> ▪ Minimum 70% </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	ITA Certificate of Qualification Exam	<ul style="list-style-type: none"> ▪ Minimum 70%
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INDUSTRY TRAINING PROGRAM PROFILE RECOGNIZED PROGRAM

Supporting Documents

Marine Service Technician Program Outline (2010) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the ITA website.

Contacts

The **Industry Training Authority** (ITA) manages B.C.'s industry training and apprenticeship programs. Contact ITA Customer service if you have any questions regarding registration, examinations or certification for this program.

Telephone: 778-328-8700
Toll Free (within BC): 1-866-660-6011
Website: www.itabc.ca

Fax: 778-328-8701
email: customerservice@itabc.ca

Revision History

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: March 2002
Updated: March 2005
Updated: April 2006
Updated: June 2011

Program Profiles are updated regularly. Visit www.itabc.ca for the most current version.