



ROOFER

Occupation Description

Roofers install, repair, maintain and replace roofing systems. They work with membrane roofing systems that consist of a variety of materials with different application methods. They also install, replace, maintain and repair shingles, slates, shakes, roofing tiles, sheet metal and other pre-formed sheeting on sloped roofs. They also weatherproof, waterproof, and damp-proof roofing surfaces, foundation walls, floor slabs and bridge decks. The work environment is exposed and may vary from extreme cold to extreme heat.

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 Roofer by completing the Roofer 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.

Youth can begin an apprenticeship in high school through the Youth Train in Trades or Youth Work in Trades programs. The Youth Work in Trades program is available for any trade if an employer is willing to sponsor the student. Trades offered through the Youth Train in Trades vary by region; contact your local school district to find out which technical training programs are being offered through the Youth Train in Trades program in your region.

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.

- Mathematics 9
- English Language Arts 9
- **Preferred:** Workplace Mathematics 10 or Foundations of Mathematics and Pre-calculus 10

ITA Registration

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

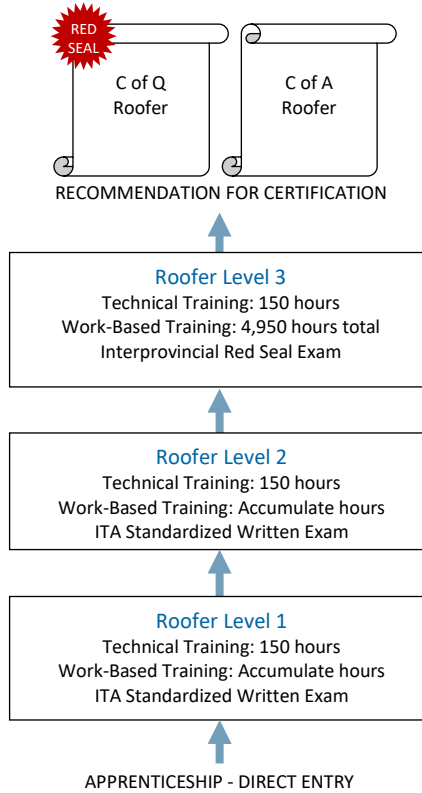
Those who wish to challenge the Roofer certification must complete the Roofer Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.



Apprenticeship Pathway

This graphic provides an overview of the Roofer apprenticeship pathway.

C of Q = Certificate of Qualification
C of A = Certificate of Apprenticeship



CROSS-PROGRAM CREDITS

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

None



Apprenticeship Program Standards

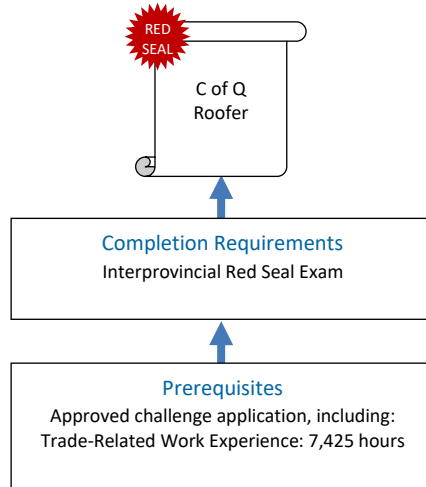
Credentials Awarded	<ul style="list-style-type: none"> ▪ Roofer – Certificate of Qualification with Red Seal endorsement ▪ Roofer – Certificate of Apprenticeship 										
ITA Registration Prerequisites	<ul style="list-style-type: none"> ▪ Agreement signed by the employer to sponsor the apprentice 										
Completion Requirements	<p>Certification as a Roofer is awarded upon successful completion of:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Technical Training</td> <td> Minimum 70% in each level of technical training: <ul style="list-style-type: none"> ▪ Level 1: 150 hours* and ITA standardized written exam ▪ Level 2: 150 hours* and ITA standardized written exam ▪ Level 3: 150 hours* </td> </tr> <tr> <td>Interprovincial Red Seal Exam</td> <td> <ul style="list-style-type: none"> ▪ Minimum 70% </td> </tr> <tr> <td>Work-Based Training</td> <td> <ul style="list-style-type: none"> ▪ 4,950 hours </td> </tr> <tr> <td>Recommendation for Certification</td> <td> <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	Technical Training	Minimum 70% in each level of technical training: <ul style="list-style-type: none"> ▪ Level 1: 150 hours* and ITA standardized written exam ▪ Level 2: 150 hours* and ITA standardized written exam ▪ Level 3: 150 hours* 	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> ▪ Minimum 70% 	Work-Based Training	<ul style="list-style-type: none"> ▪ 4,950 hours 	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 takes 3 years to complete.</p> <p>The technical training requirement is typically met through block-release training (full-time, at school) delivered by an ITA-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge 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"> ▪ Roofer (Roofer, Damp and Waterproofing) – Certificate of Qualification ▪ Roofer (Roofer, Damp and Waterproofing) – Interprovincial Red Seal endorsement ▪ Roofer – Certificate of Qualification ▪ Roofer – Interprovincial Red Seal endorsement ▪ 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> <p>Level</p> <ul style="list-style-type: none"> ▪ Level 1 <i>(when implemented)</i> ▪ Level 2 <i>(when implemented)</i> 										
Cross-Program Credits	<p>Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Credential</th> <th style="text-align: left;">Credit(s) Granted</th> </tr> </thead> <tbody> <tr> <td>None</td> <td> <ul style="list-style-type: none"> ▪ N/A </td> </tr> </tbody> </table>	Credential	Credit(s) Granted	None	<ul style="list-style-type: none"> ▪ N/A 						
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Challenge Pathway

This graphic provides an overview of the Roofer challenge pathway.

C of Q = Certificate of Qualification



CREDIT FOR PRIOR LEARNING

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

None

Challenge Program Standards

Credentials Awarded	Roofer – Certificate of Qualification with Red Seal endorsement	
ITA Registration Prerequisites	An approved Challenge Application, which includes: <ul style="list-style-type: none"> 7,425 documented hours of directly related experience working in the occupation 	
Credit for Prior Learning	Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program: <ul style="list-style-type: none"> None 	
Completion Requirements	Certification as a Roofer is awarded upon successful completion of:	
	Requirement	Level of Achievement Required
	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> Minimum 70%



Supporting Documents

Roofer Program Outline (2022) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the ITA website.

Roofer Red Seal Occupation Standard (2020) – Prepared by industry experts, under the guidance of the federal government, for Red Seal trades to define the national standard of competence for the trade. Available from the Red Seal website: www.red-seal.ca.

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: February 2008
Updated: August 2014
Updated: May 2022

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