

Wanted: A Career in Skilled Trades



Post-secondary pathways



University / College



Workplace



GAP Year

Wanted: A Career in Skilled Trades



Trade Certification - Top 10 Red Seal Trades

- estimated 66,982 new journeypersons will be required as well as 167,793 new apprentices
- helping apprentices to progress and complete their programs remains important given the demand for certification
- **downward trend in the annual number of newly certified journeypersons poses potential risks for the future availability of skilled tradespersons as Canada's skilled workforce continues to age and retirement rates accelerate**

CANADIAN
APPRENTICESHIP
FORUM



FORUM
CANADIEN SUR
L'APPRENTISSAGE

Top 10 Red Seal Trades in Canada

Figure 2- Summary of Projected Completions, Target Registrations and Certification Requirements, by Trade, 2019 to 2023

RANK	TRADE	PROJECTED COMPLETIONS	CERTIFICATIONS REQUIRED	TARGET REGISTRATION
●	Cook	2,607	4,990	21,358
●	Industrial Mechanic (Millwright)	5,561	7,336	8,658
●	Welder	5,026	6,301	16,444
●	Heavy Duty Equipment Technician	4,408	4,610	8,253
●	Carpenter	7,477	7,466	34,900
●	Steamfitter/Pipefitter	2,960	2,718	4,872
●	Automotive Service Technician	9,952	8,754	19,908
●	Hairstylist	9,312	7,233	21,512
●	Construction Electrician	24,831	13,279	22,286
●	Plumber	8,872	4,296	9,602
Total		81,006	66,982	167,793

Traditional Roles – Not Traditional Jobs

Operations Support	Skilled Trades	Science and Technology	Geoscience	Engineering	Operations Management	Business Professional
Plant Operator	Heavy Duty Mechanic	Assay Lab	Mine Geologist	Mining	Plant Supervisor	Finance and Accounting
Heavy Equipment Operator	Electrician	Research Technician	Exploration Geologist	Mechanical	Mine Operations Supervisor	HSEC
Haulage Truck Operator	Instrumentation	Chemist	Geophysicist	Electrical	Superintendent	Information Technology
<u>Labourer</u>	Millwright	Metallurgist	Geochemist	Civil	Operations Manager	Human Resources
	Pipefitter			Mineral Processing		

MiHR - Canadian Mining Labour Market 10-Year Outlook 2020

TABLE 4: Forecasted Hiring Gaps in the Mining Industry by Broad Occupational Category, Baseline Scenario (2020–2030)

	Hiring Gaps				
	Extraction and Milling	Support Services	Primary Metal Manufacturing	Exploration	Mining Industry
All Occupations	-4,800	1,660	7,860	1,260	5,960
Human Resources and Financial Occupations	0	100	210	60	370
Professional and Physical Sciences Occupations	-250	90	320	430	580
Supervisors, Coordinators, and Superintendents	-760	40	400	10	-310
Support Workers	-460	0	200	-40	-300
Technical Occupations	-80	110	420	360	810
Trades Occupations	-830	120	1,060	10	360
Production Occupations	-790	370	2,350	30	1,960
Other Occupations	-1,630	830	2,900	400	2,490

Industry Training Authority (ITA)

Vision

World Class Apprenticeships for
British Columbians

Mission

Build the trades that build BC

- Advocates for British Columbians to develop careers in the trades
- Support apprentices and employers in the province
- Collaborate with secondary and post-secondary institutions
- Promote youth to learn skills and obtain experience to build a future in trades **while still in high school**



Trade opportunities

The logo for the Youth Train program, featuring the text 'ita | YOUTH' in a grey sans-serif font above the word 'TRAIN' in a bold white sans-serif font, which is set against a solid orange rectangular background.

GET A HEAD START ON YOUR TECHNICAL TRADES TRAINING

Are you keen to build your skills and experience in one specific trade? Do you want to start your training while you're still in high school? The Youth Train in Trades Program can give you a head start on your future in trades.

The logo for the Youth Work program, featuring the text 'ita | YOUTH' in a grey sans-serif font above the word 'WORK' in a bold white sans-serif font, which is set against a solid green rectangular background.

GET ON-THE-JOB TRAINING AS A YOUTH APPRENTICE

Do you want to get on-the-job experience in your favourite trade? The Youth Work in Trades Program can give you the trade skills to land a job and earn a paycheque while you're still in high school.



YOUTH TRAIN IN TRADES



- **Technical training** component of an apprenticeship
- Students are registered with the Industry Training Authority (ITA) and take a Foundation or Level 1 technical training program through a designated training provider
- Example: Carpentry program at West Vancouver Secondary School (Day 1)
- Dual credit program: student earns both technical skills towards trade certification (Day 1) as well as completes secondary school graduation requirements at Rockridge (Day 2)

YOUTH WORK IN TRADES



- **Work-based** component of an apprenticeship
- Students are registered with the Industry Training Authority (ITA) as a youth apprentice (employer sponsored) and accumulate hours towards a trade (need 480 hours)
- Dual credit program earns both secondary school graduation credits and hours towards trade certification
- Students eligible for \$1000 award if they meet criteria



Youth Train in Trades

Youth Work in Trades

YTT - Carpentry

YWT - Marine Service Technician



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PROGRAM PATH

**YOUTH TRAIN
IN TRADES**

**YOUTH WORK
IN TRADES**

**TRADE
APPRENTICESHIP**



Student	Nickle, Drake	Student ID:	1492592	YOG:	2020
Homeroom:	1205 - Anthony, Aaron Jai	Grade Level:	12	Locker:	

	Day 1	Day 2
1		[FY] WORK EXPERIENCE 12B Jansen, Stephanie - E102Career
2		
3		
4		[FY] ENGLISH FIRST PEOPLES 12 Smith, Tracy - W213
5		
6	Salish Sea, Bowen Island (D1) Quadrant Marine, Granville Is. Tuesdays 5:30 - 9:30 pm.	[FY] YOUTH WORK IN TRADES 12B Jansen, Stephanie - E102Career [FY] YOUTH WORK IN TRADES 11B Jansen, Stephanie - E102Career [FY] YOUTH WORK IN TRADES 11A Jansen, Stephanie - E102Career [FY] YOUTH WORK IN TRADES 12A Jansen, Stephanie - E102Career [FY] TRAIN: TRAIN IN TRADES (ITA) 12A Jansen, Stephanie - E102Career
7		
8	[FY] DAILY PHYSICAL ACTIVITY 12 FerraJohn, Bianca - SPACE	
9		
10	[FY] CAREER LIFE CONNECTIONS FerraJohn, Bianca - E102Career	

Grad requirement



Aaron - Electrician Apprentice, Born West Electric

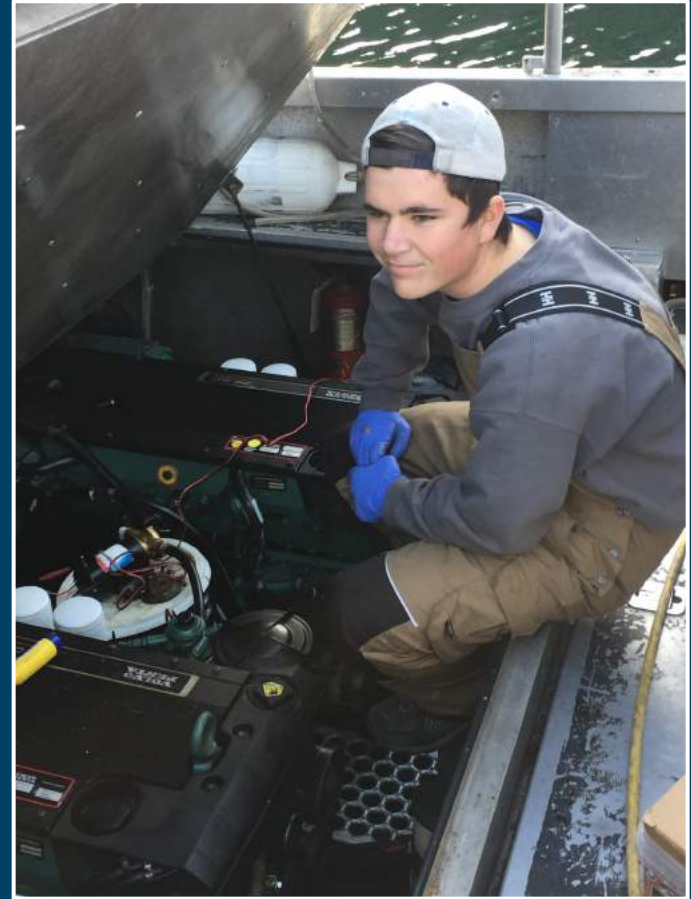


Jonathan - Chef Apprentice, Salmon House

Students begin training in a trade while completing high school graduation requirements.

They learn skills in their trade of interest, from qualified people in the field and earn a pay cheque.

All before they graduate.



Drake - Marine Service
Technician

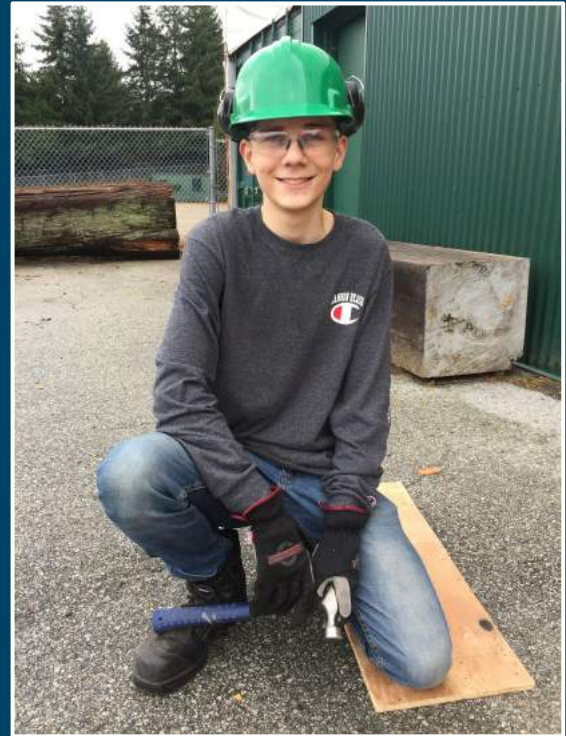
YTT - Carpentry program

- ❑ Provides technical training for students interested in a career in carpentry or related trades
- ❑ Hands-on, real-life work experience
- ❑ Small cohort of approx. 16 students



Eligibility

- ❑ Current Grade 11 & 12 students
- ❑ All Students - district and out of district



INSTRUCTOR

- Greg Cormier (Teacher, Red Seal Carpenter)



Program Benefits

- ❑ Hands-on experience & skills training
- ❑ Students graduate from their current high school
- ❑ Students can receive credit for Level 1 Carpentry from high school
- ❑ Enter a career in demand
- ❑ Cost is minimal compared to post secondary fees

Schedule

- ❑ Students attend WVSS every second day for the carpentry program (Day 1)
- ❑ Students attend their current school taking their core academic courses (Day 2)
- ❑ Students earn 16 credits (4 courses) for the carpentry program

Sample Timetable - Grade 11

Day 1	Day 2
Carpentry & Journey: Residential Construction Carpentry 12A Carpentry 12B Carpentry 12C	English 11
	Pre-Calculus 11/Foundations 11/Workplace 11
	Science 11 or 12 / Elective
CLC (Career Life Connections)/ Work Experience	Socials 11 or 12 / Elective



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Sample Timetable - Grade 12

Day 1	Day 2
Carpentry & Journey: Residential Construction Carpentry 12A Carpentry 12B Carpentry 12C	English 12
	Pre-Calculus 11/Foundations 11/Workplace 11/ Elective
	Science 11 or 12 / Elective
CLC (Career Life Connections)/ Work Experience	Socials 11 or 12 / Elective



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Sample Timetable - Grade 12 (year 2)

Day 1	Day 2
<p>Youth Work in Trades 11A Youth Work in Trades 11B Youth Work in Trades 12A Youth Work in Trades 12B</p>	<p>English 12</p>
	<p>CLC (Career Life Connection)/Elective</p>
	<p>Science 11 or 12 / Elective</p>
	<p>Socials 11 or 12 / Elective</p>

Student Experience



January 20, 2020

Student	Fields-Viatela, Matt	Student ID: 642581	YOG: 2020
Homeroom:	1202 - Armstrong, Sherri	Grade Level: 12	Locker:

	Day 1	Day 2
1	[FY] TRAIN: TRAIN IN TRADES (ITA) 12A Cormier, Greg - OFF SITE	[FY] ENGLISH STUDIES 12 Kump, Andrea - E202
2	[FY] TRAIN: TRAIN IN TRADES (ITA) 12B Cormier, Greg - OFF SITE	
3	[FY] TRAIN: TRAIN IN TRADES (ITA) 12C Cormier, Greg - OFF SITE	[FY] AP CALCULUS BC 12A Neacs, Carmen - W110
4	[FY] TRAIN: TRAIN IN TRADES (ITA) 12D Cormier, Greg - OFF SITE [FY] AP STATISTICS 12 Peterson, Rebecca - E206	[FY] AP EUROPEAN HISTORY 12 Chubb, Craig - W212
5		
6		
7		
8	[FY] DAILY PHYSICAL ACTIVITY 12 Ferrajohn, Bianca - SPACE	
9		
10	[FY] CAREER LIFE CONNECTIONS Herman, Cristina - E102Career	

HOW TO APPLY?

- ❑ Visit www.westvancouver schools.ca
- ❑ Select:
 - ❑ Programs
 - ❑ Youth Train in Trades
 - ❑ Apply Now

CARPENTRY PROGRAM

Youth Train in Trades

Information Session for parents and students:

Wednesday, February 5, 2020 | 6:45 - 7:15 pm

West Vancouver Secondary School | Room C302



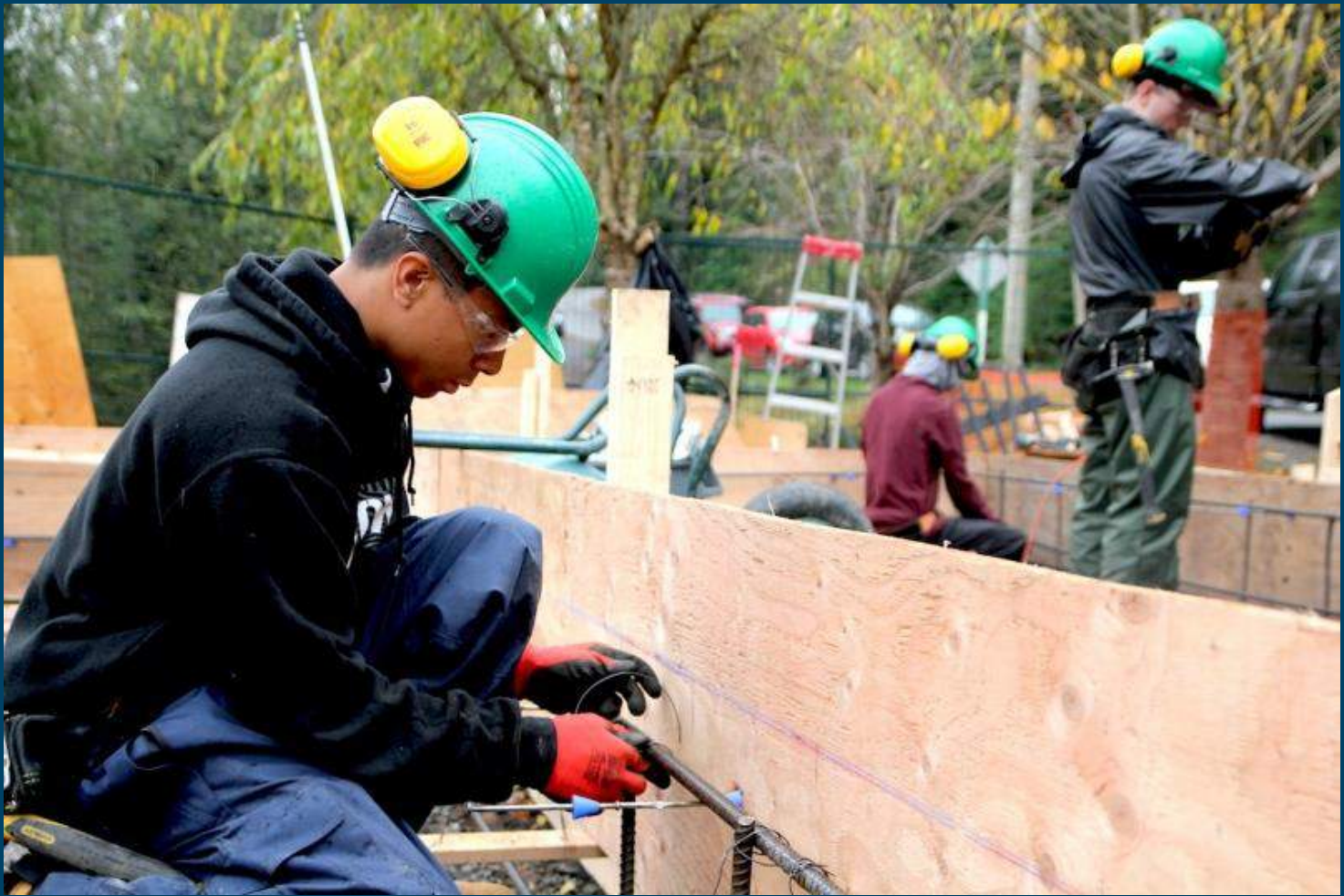






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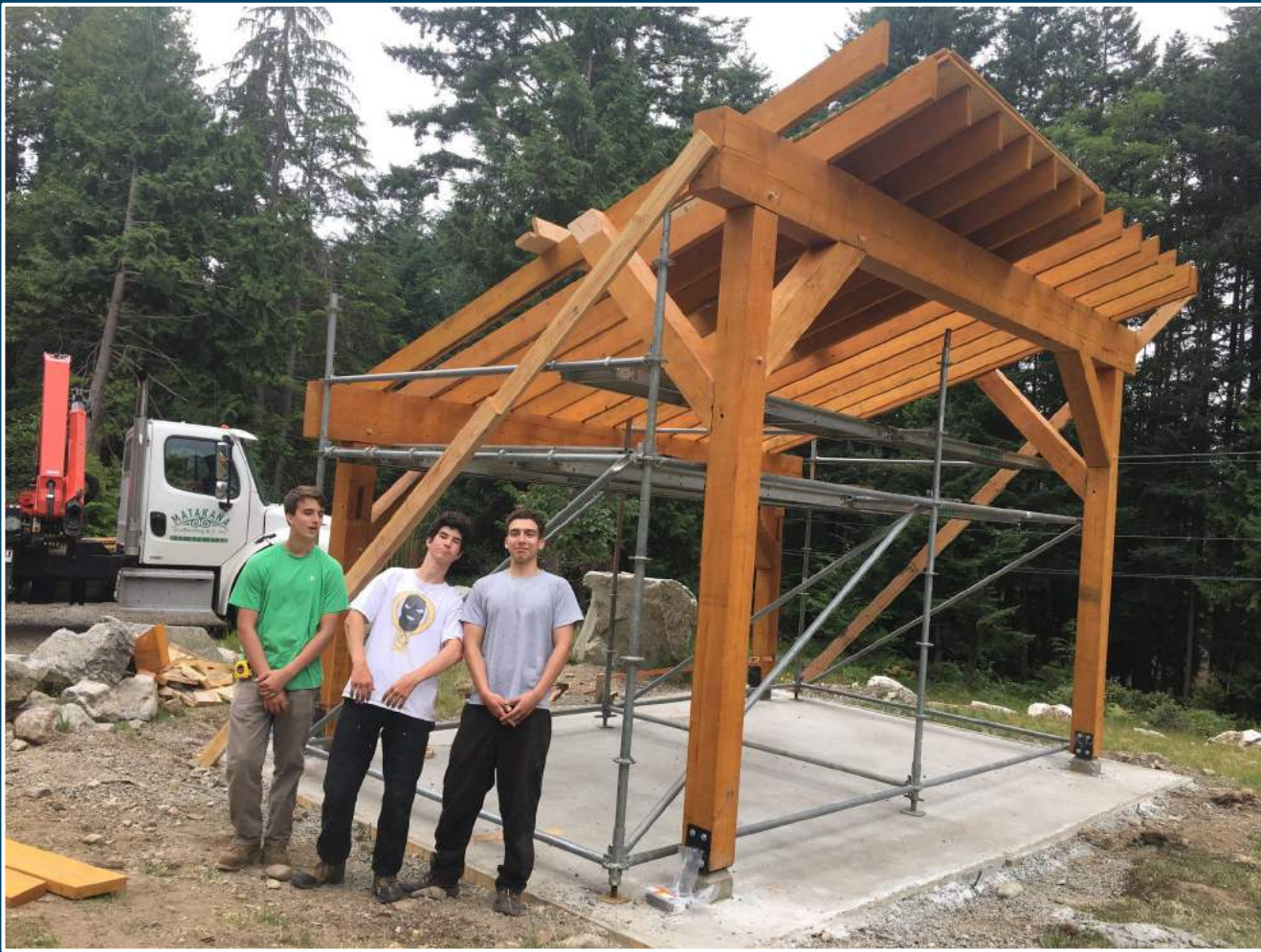
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Tour



Agenda

- ❑ Program Outline
- ❑ Program Details
- ❑ Student Experience
- ❑ Questions
- ❑ Photo Tour

