Career Training Available in Northern BC



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Availability

Copies of this project report have been provided to the College of New Caledonia, Northern Lights College, Northwest Community College, and the University of Northern British Columbia. Copies of the report can be found in hard copy at the Community Development Institute Office. They may also be accessed through the UNBC Community Development Institute's website at: http://unbc.ca/community-development-institute/research-projects

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1. Introduction

Northern BC is in a period of growth not seen since the 1950s-1970s era of province building. Communities and regions are experiencing transformational change as the industrial manufacturing and natural resource sector – including oil and gas, mining, forestry, and energy – expands and renews. Expanding industrial markets are often accompanied by an increased need for skilled workers. Recent research, however, has identified a shortage in skilled workers and whether or not there is available training for these sectors is in question.

In December of 2013, an exploration was performed to uncover the presence and availability of career oriented training programs, including skilled trades programs, in Northern British Columbia. To carry out this task, this project compiled tables of the career oriented programs available at four educational institutions in Northern British Columbia:

- the College of New Caledonia,
- Northern Lights College,
- Northwest Community College, and
- the University of Northern British Columbia.

To complete the tables, the proceeding questions were asked about each career oriented training program:

- What will the training result in (e.g. certification, ticket, diploma, etc.)?
- What is the length of the training program?
- What are all the locations that the training program is offered at?
- What are the prerequisites required to gain acceptance to the training program?

The following pages depict answers to these questions using tables developed for all of the aforementioned educational institutions. The tables only include programs that are career oriented, meaning the program trains an individual to do a specific job. Programs that do not train for a specific career, but instead provide a general skill set are excluded from these tables (e.g. Bachelor of Arts in English). Continuing studies programs are also included in these tables. It should be noted that many of the training programs included in the table will only run if they have enough students to make the course viable. Many of the programs are also only offered intermittently and are not available annually.

2. Table of Career Oriented Training Available

2.1 College of New Caledonia

Table 2-1 - CNC Career Oriented Training Available

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
ABT Admin Assistant	Certificate	FT – 34 weeks	Burns Lake Prince George Vanderhoof, Mackenzie, Quesnel	Grade 12 or equivalent English 12 Keyboarding proficiency assessment
Accounting and Finance	Diploma	FT or PT 2 years	Prince George	Grade 12 or equivalent English 12 Foundations Math 11
Air Conditioning Basics	Certificate	FT – 12 hours	Prince George	CFC Certification
Autobody Repair: Foundation Level (Motor Vehicle Body Repair)	ITA Certificate of Completion and credit for level 1 technical training	FT – 30 weeks	Prince George	Grade 10 English 10 Apprenticeship and Workplace Math 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Automotive Service Technician: Foundation Level	ITA Certificate of Completion and credit for level 1 technical training	FT – 30 weeks	Prince George	English 10 Apprenticeship and Workplace Math 11
Automotive Service Technician: Levels 1-4	Levels 1-4 Certificates	Varies	Prince George Quesnel (Levels 2-4)	Work based training hours
BC Hydro Electric Utility Fundamentals	Certificate	PT – 120 hours	Online (Prince George)	NONE
Boiler Safety Awareness	Exam preparation	FT – 8 hours	Prince George	NONE
Bookkeeping	Certificate	FT or PT – 2 years	Prince George	English 11 Apprenticeship & Workplace Math 11
Business Admin	Certificate	FT or PT – 1 year+	Vanderhoof Prince George Quesnel Some individual courses may be available at other campuses	Grade 12 or equivalent English 12 Foundations Math 11
Business Admin	Diploma	FT or PT – 2 years	Prince George	Grade 12 or equivalent English 12 Foundations Math 11

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Business of a Photographer: Going Pro	Course Credit	PT – 24 hours	Prince George	None
Carpentry: Foundation Level	ITA Certificate of Completion and credit for level 1 technical training	FT – 21 weeks	Burns Lake Mackenzie Prince George Quesnel	Grade 10 English 10 Apprenticeship and Workplace Math 11
Carpentry: Levels 1-4	Levels 1-4 Certificate	Varies	Burns Lake, Fort St. James, Mackenzie, Prince George, Quesnel and Vanderhoof	Work based training hours
Carpentry: Levels 2-4	Levels 2-4 Certificate	Varies	Burns Lake Fort St. James Mackenzie Prince George Quesnel Vanderhoof	Work based training hours
Carpentry: Review for Red Seal Exam	Exam Preparation	PT – 70-80 hours	Prince George	ITA requirements for exam challenge
CFC/HCFC/HFC Control and Recovery	Certificate from the Heating, Refrigeration and Air Conditioning Institute of Canada (HRAI)	PT – 8 hours	Prince George	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Commercial transport Mechanic Training: Years 1-4	Levels 1-3 Heavy Duty Mechanics certificate Year 4 Commercial Transport Certificate	Varies	Burns Lake, Fort St. James Mackenzie Prince George Quesnel Vanderhoof	Work based training hours
Community Support Worker	Certificate	PT – 1 year	Prince George	English 12
Computer/Network Electronics Technician	Certificate	FT – 1 year	Prince George	Grade 12 or equivalent English 12 Foundations of Math 11
Computer Science	University transfer credits	FT or PT – 1 year	Prince George	Grade 12 or equivalent English 12
Construction Safety Officer	Certificate	FT – 80 hours	Prince George	19 years of age One year of relevant experience
Dental Assisting	Certificate	FT – 1 year	Prince George	Grade 12 or equivalent English 12 Biology 12

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Dental Hygiene	Diploma	FT – 2 years	Prince George	English 12 Bio 12 Chem 11 Foundation Math 11 1st year university courses: Biology, Psychology, Chemistry, English, and Stats
Dental Office Receptionist	Course Credit	PT – 60 hours	Prince George	Grade 10 or equivalent
Designated Inspection Facility Operator	Training	PT – 8 hours	Prince George	None
Driver Training: Air Brakes	Training for licensing	PT – 20 hours	Burns Lake Fort St. James Fraser Lake Mackenzie Vanderhoof	None
Driver Training: Class 4 or 5, with Endorsement 20	Training for licensing	Varies	Fort St. James Fraser Lake Vanderhoof	None
Driver Training: Class 4 or 5, with Endorsement 51	Training for licensing	Varies	Fort St. James Fraser Lake Vanderhoof	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Driver Training: Class 4, Unrestricted	Training for licensing	PT – 4 hours	Burns Lake Fort St. James Fraser Lake Vanderhoof	19 years of age
Early Childhood Education	Certificate	FT or PT – 9 months	Burns Lake Quesnel Prince George	Grade 12 or equivalent English 12
Early Childhood Education: Aboriginal Specialization	Certificate	FT or PT – 38 weeks	Fort St. James Online (Mackenzie)	Grade 12 or equivalent English 12
Education Assistant	Certificate	PT – 1 year	Quesnel Prince George	English 12
Electrical: Foundation Level	ITA Certificate of Completion and credit for level 1 technical training	FT – 20 weeks	Mackenzie Prince George Quesnel	English 11 Math 11 Physics 11
Electrical: Levels 1-4	Levels 1 - 4 Certificate	Varies	Prince George	Work based training hours
Electrical: Level 2	Level 2 Certificate	Varies	Quesnel	Work based training hours
Electrical: Review for Red Seal Exam	Exam Preparation	PT – 80 hours	Prince George	Meet ITA requirements for exam challenge
Emergency Medical Responder	Certificate	FT or PT – 3 weeks	Prince George	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Engineering	Certificate in Applied Science	FT or PT – 1 year	Prince George	Grade 12 English 12 Pre- Calculus 12 Chemistry 12 Physics 12
Excavator Training	Certificate	FT – 9 weeks	Fort St. James Vanderhoof	None
Foot Care Certificate: Advanced	Certificate	FT – 37 hours	Prince George	Must be a licensed practicing LPN, RN, or RPN.

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Forest Industry Safety Training:	Certificates	FT or PT –	Burns Lake	None
All-Terrain Vehicle Rider Course		varies	Mackenzie	
BC Faller Certification			Nechako region	
Bear Aware				
Chainsaw Safety				
Environmental Management Systems				
Fire Suppression				
• First Aid				
Heat and Cold Stress				
Helicopter Safety				
Log Scaling and Grading				
Residue and Waste Measurement				
Resource Road Driving				
Spill Response				
Snowmobile Rider Courses				
 Transportation of Dangerous Goods 				
• WHMIS				
 WorkSafeBC Training Modules 				
Forklift Operator Certification	Certificate valid for 2 years	FT – 8 hours	Burns Lake Mackenzie Prince George Vanderhoof	Prior forklift experience

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Forklift Operator Certification: Introduction	Training	FT – 16 hours	Burns Lake Mackenzie Prince George Vanderhoof	None
Health Care Assistant	Certificate	FT or PT – 29 weeks	Prince George Quesnel	Grade 11
Heavy Duty Mechanics/Commercial Transport Mechanical Repair: Foundation Level	ITA Certificate of Completion	FT – 30 weeks	Fort St. James Prince George	Grade 10 English 10 Apprenticeship and Workplace Math 11
Heavy Duty Mechanical Repair: Levels 1-4	Certificate	Varies	Prince George	Work based training hours
Heavy Equipment Operator	Certificate	FT – 5 weeks	Mackenzie Quesnel	None
Heritage Building Conservation	Certificate	FT or PT – 22 weeks	Quesnel	Grade 10 English 10 Principles of Math 10
Holistic Massage	Certificate	PT – 24 hours	Prince George	None
Horticulture Tech Foundation Program	Certificate	FT – 36 weeks	Quesnel	Grade 10 English 10 Math 10 Science 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Human Resources Management	Diploma: Post	FT or PT – 10 courses over 3 semesters	Prince George	2 year diploma
Human Service Citation	Citation	PT - Varies	Prince George	English 12
Industrial Mechanic Inter-Provincial Certification: Review for Exam	Exam Preparation	PT – 70-80 hours	Prince George	ITA requirements for exam challenge
Industrial Mechanic	ITA Certification of Completion	FT – 22	Burns Lake	Grade 10
(Millwright)/Machinist: Foundation Level	and credit for level 1 technical training of their apprenticeship.	weeks	Mackenzie Prince George	English 10 Apprenticeship and Workplace Math 11
Legal Administrative Assistant	Certificate	FT or PT – 10 courses	Online (Mackenzie)	Administrative Assistant Certificate of Office Assistant Certificate
Maintenance Management Professional	Certificate	PT – 225 hours	Prince George	None
Marketing and Management	Diploma	FT or PY – 2 years	Prince George	Grade 12 or equivalent English 12 Math 11
Millwright: Levels 1-4	Certificate of Completion for levels 1-4	Varies	Quesnel Prince George	Work based training hours

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Mining Industry	Certificate	FT – 16 weeks	Burns Lake Fort St. James Mackenzie Prince George	Grade 12 or equivalent Foundations of Math 10
Information and Communication Technology	Certificate	FT – 1 year	Online (Mackenzie)	Math 10 English 10
Information Technologies	Post-Diploma	FT – 24 months	Prince George	Computer Science diploma or Business Information Technologies
Legal Admin Assistant	Certificate	FT or PT – Varies	Online (Mackenzie)	Administrative Assistant program or Office Assistant Certificate
Life Skills Coach	Certificate	FT – 240 hours	Prince George	Grade 12 or equivalent
Liquefied Petroleum Gas or Compressed Natural Gas	Certificate	PT – 24 hours	Prince George	4th year apprentice or TQ in heavy duty, automotive or commercial transport
Machinist: Levels 2-4	Certificate of Completion for levels 2-4	NA	Prince George	Work based training hours
Management	Diploma	FT or PT – 2 years	Prince George	Grade 12 or Equivalent English 12 Foundations of Math 11

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Marketing and Management	Diploma	Ft or PT – 2 years	Prince George	Grade 12 or Equivalent English 12 Foundations of Math 11
Medical Device Reprocessing Technician	Certificate	FT – 420 hours	Prince George	Grade 12 CNCs Medical Terminology Course
Medical Lab Technology Science	Diploma	FT – 2.5 years	Prince George	Grade 12 or equivalent English 12 Biology 12 Chemistry 12 Foundations of Math 12
Medical Office Assistant	Certificate	FT or PT – varies	Online (Mackenzie)	Administrative Assistant program or Office Assistant Certificate
Medical Radiography Technology	Diploma	FT – 2 years	Prince George	Grade 12 or equivalent English 12 Biology 12 Physics 12 Foundations of Math 12
Natural Resource and Environmental Technology	Diploma	FT – 2 years	Prince George	Grade 12 or equivalent English 12 Foundations of Math 11 Biology 11 or Chemistry 11 or Physics 11

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
New Media Communications and Design	Diploma	FT – 2 years	Prince George	Grade 12 or equivalent English 12
Nursing BSN	Degree: Bachelor of Science	FT or PT – 4 years	Prince George Quesnel	UNBC admission requirements Grade 12 or equivalent English 12 Math 11 Chemistry 11 Biology 12
Practical Nurse	Diploma	FT – 2 years	Prince George Quesnel	Grade 12 or equivalent English 12 Math 11 Biology 130
Nursing Unit Clerk	Citation	PT – 405 hours	Prince George	English 11 CNCs Medical Terminology Course
Office Assistant	Certificate	FT or PT – 20 courses	Online (Mackenzie)	Grade 12 or equivalent
Outreach Advocacy Support Worker	Certificate	FT or PT – 7 courses	Burns Lake	Grade 12 or equivalent English 12
Plumbing: Foundation Level	ITA Certificate of Completion and credit for level 1 technical training of their apprenticeship	FT – 21 weeks	Prince George Quesnel	Grade 10 or equivalent Apprenticeship and Workplace Math 11
Plumbing: Levels 2-4	Certificate of completion	FT – 6weeks	Prince George Quesnel	Work based training hours

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Power Engineering: 3rd Class Certificate	3 rd Class Certification – (qualification to take exam)	FT – 25 weeks	Prince George	4 th Class Power Engineering Certification
Power Engineering: 4th Class Certificate	4 th Class Certification – (qualification to take exam)	FT – 1,200 hours	Prince George Quesnel	Grade 12 or equivalent
Primary Care Paramedic Certificate	Certificate	FT – 6 months	Prince George	17 years of age Grade 12 English 12
Professional Cook: Entry Level Training	Certificate	FT – 10 Months	Burns Lake Fort St. James Prince George	Grade 10 or equivalent English 10 Apprenticeship & Workplace Math 10
Professional Cook: Level 3	Certificate of Completion	NA	Prince George	Work based training hours
Project Communications & Stakeholder Management	Course	PT – 15 hours	Prince George	None
Provisional Prosthodontics: Clinical	22 Continuing Education Credits	PT – 128 hours	Prince George	Certified Dental Assistant or Registered Dental Hygienist with a minimum one year of experience
Psychosocial Rehabilitation: Certificate in Mental Health	Certificate	PT – 120 hours	Prince George	Introduction to Mental Health course
Residential Construction Framing Technician	Certificate	FT – 23 weeks	Quesnel Vanderhoof	Grade 10
Rigging and Lifting	Course	FT – 8 hours	Mackenzie Prince George	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Road Builder and Heavy Construction: Foundation Level	Certificate of Completion	FT – 5 weeks	Available on demand at some campuses	Grade 10 English 10 Math10
Skid Steer Operator: Introduction	Training	FT – 16 hours	Prince George	None
Skid Steer Operator	Certification	FT – 8 hours	Prince George	Prior Skid Steer Experience
Small Engine Repair	Certificate of Completion	PT – 30 hours	Prince George	None
Social Service Worker	Certificate	PT or FT – 9 months	Fort St. James Prince George Quesnel Vanderhoof	Grade 12 or equivalent English 12
Social Service Worker	Diploma	PT or FT – 2 years	Prince George	Grade 12 or equivalent English 12
Social Service Worker	Diploma – University Transfer	PT or FT – 2 years	Burns Lake Prince George	Grade 12 or equivalent English 12
Teacher Replacement Training	Citation	FT – varies	Online (Burns Lake)	Grade 12 or equivalent English 12 Criminal Record Check Immunization Records

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Transportation of Dangerous Goods	Certificate	FT – 3 hours	Burns Lake Fraser Lake Fort St. John Mackenzie Prince George Vanderhoof	None
Travel Writing	Course	PT – 14 hours	Prince George	None
Vehicle Inspection	Endorsement	PT – 30 hours	Prince George	4th year apprentice or TQ in the heavy duty, automotive or commercial transport industries
Welding: Level C	Level C Certificate	FT – 7 months	Burns Lake Fort St. James Prince George Quesnel	Grade 10 or equivalent English 10 Apprenticeship & Workplace Math 10
Welding: Levels 1-4	Certificate of Completion	Varies	Prince George	Work based training hours

2.2 Northwest Community College

Table 2-2 - NCC Career Oriented Training Available

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Aboriginal Community Mental Health Worker	Certificate	FT – 25 weeks	Hazelton	English 11
Accounting Cycle	Training	FT – 6 hours	Varies	None
Adult Special Education: Workplace Skills Training	Certificate	FT or PT -1 year	Prince Rupert Terrace	None
Applied Business Technology	3 Certificates	FT or PT – Varies	Smithers	Math 10 English 10
Applied Earth & Environmental Studies	Certificate	FT – 1 year	Hazelton Houston Kitimat Masset Prince Rupert Queen Charlotte Skidegate Smithers Terrace	Currently under review
Archaeological & Cultural Resource Management Specialization	Degree: Associate of Arts	FT or PT – 2 years	Under review	Grade 12
Automotive Service Technician: Foundation Level	Certificate	FT – 30 weeks	Terrace	Grade 12 English 10 Math 10
Automotive Service Technician: Levels 2-4	Certificates	FT – 6-7 weeks	Terrace	Currently under review

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Basic Security Guard Training	License	FT – 40 hours	Hazelton Terrace	Must be 19 or older Grade 10
Become a Veterinary Assistant	Training	Under review	Online	Under review
Boom Lift (Aerial)	Training	FT – 20 hours	Terrace	Under review
Business Administration	Certificate and Diploma	FT or PT – 3 years	Prince Rupert Terrace	English 12 Math 11
Camp Operations	Under review	Under review	Under review	Under review
Carpentry: Foundation Level	Certificate	FT – 20 weeks	Terrace	Grade 12 recommended English 10 Math 10
Carpentry: Levels 1-4	Certificates	FT – 6 weeks	Terrace	Work hours
Carpentry: IP Refresher	Exam Preparation	PT – 60 hours	Terrace	Work hours
Cashier Training	Training	FT – 6 hours	Hazelton Terrace	None
Certified Utility Arborist	Certificate	FT – 6 weeks	Under review	Grade 12 recommended English 10 Math 10
Coastal Eco-Adventure Tourism	Certificate	Varies	Varies	Must meet individual course requirements
Commercial Vehicle Inspection	Training	FT – 24 hours	Terrace	NA
Community Mental Health Worker	Certificate	FT – 15 weeks	Varies	English 12

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Comprehensive Class 1 Driver Training	Training for licensing	FT – 98 hours	Masset Prince Rupert Terrace	NA
Comprehensive Class 3 Driver Training	Training for licensing	FT – 70 hours	Terrace	NA
Cook's Helper	Certificate	FT –13 weeks	Terrace	NA
Cross Connection Training (BC Waste Water)	Training	FT – 30 hours	Kitimat	NA
Drill Core Technician: Basic Training	Training	Under review	Under review	Under review
Early Childhood Education: Basic_Level	Certificate	FT – 1 year	Terrace	English 12
Early Childhood Education: Diploma Level	Diploma	FT – 2 years	Terrace	Post Basic Level ECE courses
Early Childhood Education: Post Basic Level	Certificate	FT – 1 year	Terrace	ECE certificate
Electrical: Foundation Level	Certificate	FT – 24 weeks	Terrace	Grade 12 recommended English 10 Math 10
Electrical: Levels 1-4	Certificate	FT – 10 weeks	Terrace	Work hours
Employment Skills Access	Certificates	Varies	Terrace	Must be unemployed
Environmental Monitor Assistant Program	Training	Under review	Under review	Under review

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Essential Skills for Work	Certificate	FT – 25 weeks	Fort Babine Gitxaala Hazelton Houston Port Simpson Skidegate Smithers	English 020
First Nations Access to Practical Nursing	Certificate	FT – 8 months	Terrace	Grade 12 English 12 Math 10 600 hours as a residential care attendant
First Nations Health Care Assistant	Certificate	FT – 8 months	Varies	English 10
Forklift Operator	Certificate	FT – 20 hours	Prince Rupert Terrace	None
General Trades Labourer Training	Training	FT – 8 weeks	Terrace	None
Health Care Assistant	Certificate	FT – 6 months	Smithers Terrace	English 11
Heavy Duty Equipment Technician / Commercial Transport: Foundation Level	Certificate	FT – 30 weeks	Terrace	Grade 10 English 10 Math 10
Heavy Duty Equipment Technician: Level 1	Certificate	Varies	Varies	Must be an apprentice
Heavy Equipment Operator: Foundation Level	Certificate	FT – 150 hours	Terrace	Grade 12 recommended English 10 Math 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Heavy Equipment Operator IP Refresher Training	Exam Preparation	F – 35 hours	Terrace	Work hours
Heavy Equipment Operator Technician: Foundation	Certificate	FT – 5 weeks	Terrace	Grade 12 recommended Successful completion of foundation program
HVAC Technician	Certificate	FT or PT – 320 hours	Online	None
Industrial Mechanic (Millwright): Foundation Level	Certificate	FT – 20 weeks	Varies	Grade 12 recommended English 10 Math 10
Industrial Mechanic (Millwright): Levels 1-4	Certificate	Varies	Terrace	Registered apprentice
Information & Communications Technology	Certificate	FT or PT – 1 year	Online	English 12 Math 10 InfoTech 11
Information & Communications Technology	Diploma	FT or PT – 2 years	Online	Information and Communications Technology Certificate Math 11
Introduction to Forestry	Under review	FT – 12 days	Under review	Under review
Introduction to Metal Leaching and Acid Rock Drainage (ML/ARD) Field School	Under review	FT – 9 weeks	Under review	Under review
Introduction to Teaching ESL/EFL	Training	FT – 24 hours	Online	NA
Introduction to Trades for Women	Certificate of completion (6 trades)	FT or PT – 300 hours	Smithers Terrace	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Mining Exploration Field Assistant	Under review	Under review	Under review	Under review
Mining Fundamentals	Training	FT – 10 weeks	Smithers Terrace	NA
Non-Commercial Heavy Haul Endorsement	License	FT – 21 hours	Terrace	Class 5 Drivers License
Northern Collaborative Baccalaureate Nursing: Registered Nurse	Degree: Bachelor of Science in Nursing	FT or PT – 4 years	Terrace	Math 11 English 12 Chemistry 11 Biology 12
Occupational First Aid: Level 3	Certificate	FT – 77 hours	Hazelton Houston Smithers Terrace	16 years of age
Office Essential Skills	Training	FT –10 weeks	Terrace	NA
Oil & Gas Training	Certificate	FT – 40 hours	Smithers Terrace	NA
Petroleum Safety Training	Training	PT – 8 hours	Hazelton Online Terrace	NA
Platform/Scissor Lift Operation	Training	FT – 16 hours	Terrace	NA
Practical Nursing	Diploma	FT – 2 years	Terrace	Grade 12 Biology 12 English 12 Math 11

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Pre-employment Training for Mine Jobs	Certificate	FT – 5 weeks	Under review	Under review
Professional Cook	Diploma	FT – 18 weeks	Terrace	Professional Cook 3
Professional Cook: Levels 1 & 2	Certificate	PT – 1 year	Terrace	Grade 12 recommended English 10 Math 10
Professional Cook: Level 3	Certificate	FT – 6 weeks	Houston Terrace	Professional Cook 2
Prospecting Basic Training	Training	FT – 6 days	Under review	Under review
Red Cross Instructor Training Course	Certificate	FT – 32 hours	Terrace	Must be 18 years or older
Residential Building Maintenance Worker Apprenticeship: Levels 1-3	Certificate	FT – 8 weeks	Varies	Grade 12 English 10
Restricted Operator Certificate: Maritime	Certificate	FT – 12 hours	Prince Rupert	NA
Rigging Safety	Training	FT – 8 hours	Terrace	NA
Skid Steer Operation Training	Training	FT – 16 hours	Terrace	CSA Footwear is required
Small Vessel Operator Proficiency	License	FT – 28 hours	Prince Rupert	None
Social Service Worker	Certificate	FT or PT – 1 year	Smithers Terrace	English 12 On a course to course basis
Social Service Worker	Diploma	FT or PT – 1 year	Smithers Terrace	English 12 On a course to course basis
Special Education Assistant	Certificate	PT – 2 years+	Under review	English 12
Spill Response	Training	FT – 4 hours	Houston	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Surface Diamond Driller's Helper	Training	Under review	Under review	Under review
Tele-Handler Operation	Training	FT – 20 hours	Terrace	None
Timber Frame Craftsman	Certificate	FT – 13 weeks	Varies	Grade 12 recommended Carpentry Foundation Math 10 English 10
Traffic Control Flagging	Certificate	FT – 16 hours	Kitimat Hazelton Houston Prince Rupert Smithers Terrace	CSA Work boots
Transportation Endorsement	Endorsement	NA	Varies	WCB Occupational First Aid
Transportation of Dangerous Goods	Danatec Certificate	FT – 5 hours	Hazelton Houston Prince Rupert Smithers Terrace	None
Web Design Certificate	Certificate	FT or PT – 360 hours	Online	NA
Welding: Level A	Certificate	FT – 8 weeks	Prince Rupert Terrace	Grade 12 recommended English 10 Math 10 Work hours

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Welding: Level B	Certificate	FT – 16 weeks	Prince Rupert Terrace	Grade 12 recommended English 10 Math 10 Work hours
Welding: Level C	Certificate	FT – 28 weeks	Prince Rupert Terrace	Grade 12 recommended English 10 Math 10

2.3 Northern Lights College

Table 2-3 - NLC Career Oriented Training Available

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Aircraft Maintenance Engineering: Foundation Level	Certificate	FT – 15 months	Dawson Creek	English 11 Math 11 Science 11
Aircraft Maintenance Engineering: Type Training	Certificate	Varies	Dawson Creek	Must have a valid Aircraft Maintenance Engineering License or be a graduate of structured aircraft mainte- nance training
Alaska Highway Consortium on Teacher Education	Teaching Certificate	FT – 1.5 years	Fort St. John	Associate of Arts Degree; or 60 university-level credits that include coverage in designated subject areas; or Completion of a degree from an accredited university
Applied Business Technology: Administrative Assistant	Certificate	FT – 39 weeks	Dawson Creek Fort Nelson Fort St. John	English 11 Math 10
Applied Business Technology: Financial Assistant	Certificate	FT – 29 weeks	Dawson Creek Fort Nelson Fort St. John	English 11 Math 10
Applied Business Technology: Office Assistant	Certificate	FT – 23 weeks	Dawson Creek Fort Nelson Fort St. John	English 11 Math 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Automotive Service Technician: Foundation Level	Training	21 weeks Fort St John 37 weeks Dawson Creek	Dawson Creek Fort St. John	Grade 10 or equivalent Math 10 English 10
Automotive Service Technician: Levels 1-4	Training	FT – 6 to 7 weeks	Fort St. John	Registered Apprentice
Business Management	Certificate	FT – 30 wks	Fort St. John	English 12 Math 11
Business Management	Diploma	FT – 60 wks	Fort St. John	English 12 Math 11
Business Management	Diploma: Post Degree	FT – 4-5 semesters	Fort St. John	A 3 year degree minimum
Carpentry: Foundation Level 1 (Enhanced)	Level 1 technical training credit and 450 hours towards apprenticeship	FT – 20 weeks	Dawson Creek Fort St. John	Grade 10 English 10 Math 10
Carpentry: Foundation Level 2 (Enhanced)	Training	FT – 12 weeks	Dawson Creek	Carpentry Level 1 (Enhanced)
Carpentry: Levels 1-4	Training	FT – 6 weeks/ level	Dawson Creek	Registered apprentice Work hours
Commercial Transport Technician: Levels 1-4	Training	FT – 6-8 weeks	Fort St. John	Registered Apprentice
Cook Training	Certificate of Qualification	Prof. Cook 1–20 weeks Prof. Cook 2–14 weeks	Dawson Creek	Grade 10 English 10 Math 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Early Childhood Education: Educacentre Partnership	Certificate	FT or PT – 38 weeks	Online	Grade 12 or Mature Student Status
Early Childhood Education and Care	Diploma	FT or PT – 4 semesters	Online	Grade 12 English 12
Education Assistant	Certificate	FT or PT – 12 months	Online	Grade 12 English 12
Education Assistant	Diploma	FT or PT – 16 months	Online	Grade 12 English 12
Electrician: Foundation Level	Level 1 technical training and 350 work hours	FT – 21 weeks	Fort St. John	Grade 11 English 11 Math 11 Physics 11
Electrician: Levels 1-4	Training	FT – 10 weeks	Fort St. John	Registered apprentice
Esthetics & Nail Care Technology	Training	40 weeks	Dawson Creek	Grade 10 English 10 Math 10 Science 10
Hairstylist/Cosmetology	Training	FT – 40 weeks	Dawson Creek South Peace	Grade 10 English 10 Math 10 Science 10
Health Care Assistant	Certificate	FT – 28 weeks	Dawson Creek Fort St. John	Grade 10 English 10
Heavy Duty/Commercial Transport Technician: Foundation Level	Credit for Module 1 and Level 1 technical training and 600 workbased hours	37 wks – DC 21 wks – Fort St. John	Dawson Creek Fort St. John	Grade 10 Math 10 English 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Heavy Duty Equipment Technician: Levels 1-4	Training	FT – 6 weeks	Fort St. John	Registered Apprentice
Industrial Instrumentation Mechanic: Foundation Level	Level 1 technical training and 325 work-based hours	FT – 21 weeks	Fort St. John	Grade 11 English 11 Math 11 Physics 11
Industrial Instrumentation Mechanic: Levels 1-4	Training	FT – 10 weeks	Fort St. John	Registered Apprentice
Information and Communication Technology	Certificate	FT – 30 weeks	Online	Math 10 English 12
Information and Communication Technology	Diploma	FT – 30 weeks	Online	Information and Communication Technology Certificate Math 11 or equivalent
Job Education and Training	Training	FT 18- weeks	Dawson Creek	17 years or older Own transportation
Millwright: Foundation Level 1 (Enhanced)	Level 1 technical training credit and 425 work-based hours	FT – 13 weeks	Dawson Creek	Grade 10 English 10 Math 10
Millwright: Foundation Level 2 (Enhanced)	Level 2 technical training	FT – 7 weeks	Dawson Creek	Millwright Foundation Level 1 (enhanced)
Millwright: Levels 1-4	Training	FT – 7 weeks	Dawson Creek	Registered Apprentice
Oil and Gas Field Operations	Training	FT – 18 weeks	Fort St. John	Grade 10 English 10 Math 10

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Plumber: Foundation Level 1 (Enhanced)	Level 1 technical training and 375 work hours	FT – 14 weeks	Dawson Creek	Grade 10 English 10 Math 10
Plumber: Foundation Level 2 (Enhanced)	Technical, practical and essential skill training	FT – 6 weeks	Dawson Creek	Plumber Foundation Level 1 (Enhanced)
Plumber: Levels 1-4	Training	FT – 6 to 8 weeks	Dawson Creek	Registered Apprentice
Power Engineering and Gas Processing	Training in 4th Class Power Engineering and 160 hours of firing time on the NLC Boiler and All four levels of Gas Process Operations (GPO)	FT – 39 weeks	Fort St. John	Grade 11 English 11 Math 11 Physics 11
Practical Nursing	Licensing Training	FT 67- weeks	Dawson Creek	Grade 12 English 12 Biology 12 Math 11
Pre-Employment Workplace Essential Skills	Pre-vocational training	FT – 15 weeks	Dawson Creek	17 years of age Grade 5 literacy level
Social Services Worker	Diploma	FT – 60 weeks	Dawson Creek Fort St. John	Grade 12 English 12
University Arts and Science	Certificate or Diploma/AA Degree	FT – 30 weeks 60 weeks	Chetwynd Dawson Creek Fort Nelson Fort St. John	English 12
Visual Arts	Certificate	FT – 37 weeks	Dawson Creek	Math 10 English 12

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Visual Arts	Certificate - Applied	FT – 30 weeks	Dawson Creek	Math 10 English 12
Welding : Apprenticeship Training	Training	FT – 5 to 8 weeks	Dawson Creek	Registered Apprentice
Welding: Level A	Training	FT – 8 weeks	Dawson Creek	Registered B level welder Proof of logbook with B level stamp
Welding: Level B	Training	FT – 12 weeks	Dawson Creek	Registered C level welder Proof of logbook with C level stamp
Welding: Level C	Practical and theoretical training	FT – 28 weeks	Dawson Creek	Grade 10 English 10 Math 10
Wind Turbine Maintenance Technician	Training and Electrical level 1 Exam Preparation	FT – 40 weeks	Dawson Creek	Grade 11 English 11 Math 11 Physics 11

2.4 University of Northern British Columbia¹

Table 2-4: UNBC Career Oriented Training Available

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Aboriginal Child and Youth Mental Health	Certificate	FT or PT – 6 courses	Prince George	Must have a BSW or Bachelor of Child and Youth Care degree Related Bachelor or Masters- level degrees may also be eligible
Aboriginal Community Resource Planning	Certificate	FT or PT – 10 courses	Prince George	UNBC Admission Requirements
Aboriginal / Indigenous Health and Healing	Certificate	FT or PT – 10 courses	Prince George	UNBC Admission Requirements
Accounting	Degree: Bachelors of Commerce	FT or PT – 4 years	Prince George	UNBC Admission Requirements
Advanced Road Deactivation	Training	FT – 3 days	Prince George	None
Bridge Inspection	Training	FT – 3 days	Kamloops	None
Business Administration	Degree: Masters of Business Administration	FT – 2 years	Prince George	UNBC Graduate Studies Admission Requirements
Business: General	Degree: Bachelors of Commerce	FT or PT – 4 years	Prince George	UNBC Admission Requirements

¹ Include both university and flexible continuing studies programs.

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Certified Life Skills Coach	Certificate	FT – 240 hours	Prince George	None
Chainsaw Safety	Training	FT – 1 day	Prince George	None
Child Welfare	Certificate	FT or PT – 10 courses	Prince George	Must have a BSW or Bachelor of Child and Youth Care degree
Community Health Science	Degree: Masters of Science	FT – 2 years	Prince George	UNBC Graduate Studies Admission Requirements
Counseling	Degree: Masters of Education	FT – 2 years	Prince George	UNBC Graduate Studies Admission Requirements
Design, Construction, Inspection, Reporting and Management of Bridges, Culverts and Retaining Walls	Training: Overview, Professional Development for Engineers	FT – 3 days	Prince George	None
Development Economics	Degree: Masters of Arts	FT – 2 years	Prince George	UNBC Graduate Studies Entrance Requirements
Disability Management	Degree: Master of Arts	FT – 2 years	Prince George	UNBC Graduate Studies Admission Requirements
Education	Degree: Bachelors of Education	FT – 2 years	Prince George Terrace	UNBC Admission Requirements 3 or 4 year bachelor's degree
Environmental Engineering	Degree: Bachelors of Science	FT or PT – 4.5 years	Prince George Vancouver	UNBC Admission Requirements Principles of Math 12 English 12 2 provincially examinable science Chemistry 11 Physics 12 is recommended

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
Finance	Degree: Bachelors of Commerce	FT or PT – 4 years	Prince George	UNBC Admission Requirements
First Nations Planning	Degree: Bachelor of Planning	FT or PT – 4 years	Prince George	UNBC Admission Requirements
First Nations Public Administration	Certificate	FT or PT – 10 courses	Prince George	UNBC Admission Requirements
Fitness Leadership Certificate	Certificate	FT – 4 courses	Prince George	None
Forest Ecology and Management	Degree: Bachelor of Science	FT or PT – 4 years	Prince George	UNBC Admission Requirements
Forest Road Construction	Training	FT – 3 days	Prince George	None
GIS for Mining & Exploration	Training	FT – 5 days	Prince George Terrace	None
GIS for the Gas & Oil Industry	Training	FT – 5 days	Fort St. John	None
Human Resources Management	Degree: Bachelor of Commerce	FT or PT – 4 years	Prince George	UNBC Admission Requirements
Introduction to GIS	Certificate	FT – 6 days	Fort St. John Prince George Terrace	None
Introduction to GPS	Training	FT – 1 day	Prince George	None
Introduction to OziExplorer	Training	FT – 1 day	Prince George	None
Invasive Plant Species Identification, Ecology and Control	Training	FT – 1 day	Prince George	None

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites		
Life Skills Coach	Certificate	FT – 240 hours	Prince George	None		
Management Excellence	Certificate	FT – 140 hours	Prince George	None		
MapInfo-Discover GIS for Mineral Exploration	Training	FT – 2 days	Prince George	None		
Marketing	Degree: Bachelor of Commerce	FT or PT – 4 years	Prince George	UNBC Admission Requirements		
Master Gardener Basic Training	Certificate	FT – 78 hours	Prince George	None		
Mental Health and Addictions	Certificate	FT – 5 courses	Fort St. John Prince George Terrace	None		
Mining Essentials: Understanding the Mining Industry	Training	FT – 2 days	Prince George Terrace	None		
Montessori Education	Post-Baccalaureate Diploma	FT or PT – 10 courses	Prince George	4 year degree Teaching Certificate		
Multidisciplinary Leadership	Degree: Master of Education	FT or PT – 2 years	Prince George	UNBC Admission Requirements		
Natural Resources Planning	Degree: Bachelor of Planning	FT or PT – 4 years	Prince George	UNBC Admission Requirements		
Northern Medical Program	Doctor of Medicine	FT – 4 years	Prince George Vancouver	Northern Medical Program Admission Requirements		
Northern and Rural Community Planning	Degree: Bachelor of Planning	FT or PT – 4 years	Prince George	UNBC Admission Requirements		

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites		
Nursing	Degree: Bachelor of Science	FT or PT – 4 years	Prince George Quesnel Terrace	UNBC Admission Requirements		
Occupational Health and Safety	Certificate	FT – 9 weeks	Fort St. John Prince George Terrace	None		
Project Management	Masters Certificate	PT – 20days over 6-9 months	Fort St. John Prince George Terrace	None		
Public Administration and Community Development	Degree: Bachelors of Arts	FT or PT – 4 years	Prince George	UNBC Admission Requirements		
Public Administration Certificate Program	Certificate	FT or PT – 10 courses	Prince George	UNBC Admission Requirements		
Resource Roads and Wetlands: Opportunities to Maintain Hydrologic Function	Training	FT – 1 day	Prince George	None		
Risk Management	Certificate	FT – 3 courses	Fort St. John Prince George Terrace	None		
Road Eng Civil Engineering Road Design	Training	FT – 3 days	Fort St. John Terrace	None		
Rural and Northern Nursing	Certificate	PT – 10 courses	Distance Education	UNBC Admission Requirements		
S-100 Fire Suppression	Training	FT – 2 days	Prince George	None		

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites		
Silviculture Survey Accreditation Exam	Exam	FT – 2 days	Parksville Prince George Sorrento	None		
Silviculture Surveys for Contract Administrators	Training	FT – 1 day	Prince George	None		
Silviculture Survey Training (five-day)	Training	FT – 5 days	Prince George Parksville	None		
Social Work	Degree: Bachelors of Social Work	FT or PT – 4 years	Prince George	UNBC Admission Requirements		
Social Work	Degree: Masters of Social Work	FT or PT – 2 to 3 years	Prince George	UNBC Graduate Studies Admission Requirements		
Special Education	Degree: Masters of Education	FT or PT – 2 years	Prince George	UNBC Graduate Studies Admission Requirements		
Teaching English to Speakers of Other Languages	Training	PT – 12 days	Prince George	Grade 12		
UTV Safe Drivers Course	Training	FT – 8 hours	Prince George	None		

Program Title	Certification Granted	Length of Program	Location	Basic Prerequisites
 Wildlife Danger Tree Assessor Forest Harvesting and Silviculture Module Parks and Recreation Module Wildland Fire Safety Module 	Certificates	FT – 2 days	Campbell River Merritt Nanaimo Nelson Prince George Smithers Terrace Vernon Victoria	All have some prerequisites, especially the fire module. Contact continuing studies for details.
Wildland Firefighting	Certificate	FT – 2 weeks	Prince George	None

3. **Summary**

There are 324 career oriented training programs available in Northern BC; however, it should be noted that many of the present training programs will only run if they have enough students to make the course viable. Many of the programs are also only offered intermittently and are not available annually.

As evident in the summary table 3—1 below, the highest number of training programs are present at CNC. With the exception of Northern Lights College, each educational institution offers more career oriented *certificate* programs than any other type, and most institutions offer a variety of types of career oriented training options.

Programs are offered throughout B.C. in a variety of locations – from remote small towns to larger urban centres— with courses extending outside of Northern B.C. Of the 33 different locations, Burns Lake, Dawson Creek, Fort St. James, Fort St. John, Mackenzie, Prince George, Quesnel, Smithers, Terrace, and Vanderhoof were the most common locations for training.

Table 3-1: Total Career Oriented Training Types

Institution	Certificates	Diplomas	Degrees	Training	Course Credits	Exam or Exam Prep	Endorsements	Citations	N/A	Totals
CNC	82	15	1	7	7	4	1	3	0	120
NWCC	49	6	2	24	0	2	1	0	4	88
NLC	15	6	0	29	0	1	0	0	0	51
UNBC	22	1	23	18	0	1	0	0	0	65