

2014/15 NWCCGUIDE











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# Welcome to NWCC

Big projects and your bright future!

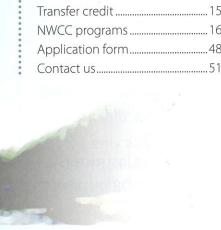
#### Northwest BC is booming!

With so many career opportunities and NWCC programs to choose from, you have big decisions to make about your bright future. This guide and all of us at NWCC are here to help you.



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nwcc.ca



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#### **ICON LEGEND**



#### Online

Students participate in courses via the Internet. They work on their own time, completing assignments for specific deadlines.



#### Teleconference

Students and instructors in different locations are connected through audio. Classes are conducted at specific times.



#### Video conference

Students and instructors in different locations are connected through audio and video. Classes are conducted at specific times.

#### PROGRAMS @ NORTHWEST COMMUNITY COLLEGE

ACADEMIC AND UNIVERSITY CREDIT  Applied Earth & Environmental Studies Associate Degree in Arts & Science Associate Degree in Arts — Criminole Associate Degree in Arts — First Nati Associate Degree in Science — Envire Community, Crime & Social Justice Certifi	ogy Specialization ons Studies Specialization onmental Geoscience Specialization	. 17-21
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Information contained in the guide is subject to change and revision. While every effort is made to ensure that the content remains valid for the period covered, the reader must recognize that changes may occur. The NWCC website is the official calendar and should be referred to for the most up-to-date information.

Mobile Training

# • Welcome to Northwest Community College & Northwest BC

We know each and every student has a different reason for coming to NWCC. You may know exactly what you want to do. Or you're changing careers and want new skills. Maybe you're a university grad who wants to gain job specific diplomas or certificates.

Whatever your reason for choosing Northwest Community College, it's the right choice.

One of 11 public community colleges in BC, NWCC offers innovative, affordable and accessible post-secondary education programs and industry-recognized credentials. NWCC sets grads on the right path to a bright future.

#### The NWCC Advantage

- Small class sizes
- Quality education
- Low tuition
- Accessible and flexible training options
- Support services
- Job-ready career training
- Certificates, diplomas & degrees
- Supportive instructors







# **Big Projects. Bright Future.**

Get the training you need to land the job you want.

@ NWCC in Northwest BC



#### Bridging the skills gap

Northwest BC is booming! With over \$60 billion in major projects on the horizon.

The BC Government projects a shortage of skilled workers due to retirement and economic growth.

NWCC is meeting the needs of BC's evolving labour market and bridging the skills gap with accessible and flexible training options.

Get the education and training you need for a rewarding career. It's all within your reach — right here in Northwest BC.



\$115 million committed to 1,253 projects throughout central and northern BC.

5,856 jobs created.

\$1.1 billion in new investment to the region.

Northern Development Initiative Trust Annual Report, 2012







# **© CAMPUSESAND COMMUNITIES**

There's a reason Northwest Community College has kept the word community in its name. Our staff, students and even our campuses are a big part of Northwest BC's communities — and the communities are a big part of us.

NWCC has nine regional campuses – in Houston, Smithers, Hazelton, Terrace, Kitimat, Prince Rupert, <u>Kay Llnagaay</u> (Skidegate), Masset and Queen Charlotte.

NWCC's campuses are centres of learning and gathering places for students and community.

We like to have fun and show off our achievements.

NWCC celebrates its students, staff and communities through a mix of social, cultural and recreational activities, year-round, at all of our campuses.





34<sup>communities</sup>
9regional campuses

## Can't come to us? We'll come to you!

# **MOBILE** Training

NWCC reaches beyond its campuses. With innovative, flexible and mobile training options, NWCC serves 34 urban and rural communities in Northwest BC. We bring quality education and training throughout our region.



#### NWCC mobile training units are fully equipped classrooms on wheels.

Used in communities and on jobsites where courses are not regularly offered, we bring state-of-the-art training directly to where it is needed.



#### **NEW!** Health Trailer Training Unit

Delivers health and human services programs like Health Care Assistant, Practical Nursing and Social Services Worker.

# **NEW!** Mobile Computer Skills Training Unit

Offers courses to accommodate off-campus computer skills training.

#### **Mobile Safety Training Unit**

Delivers health, safety, first aid, workforce and industry training courses across the region.

#### **Heavy Equipment Operator Training**

With virtual training simulators, students experience operating heavy equipment machinery before sitting in the driver's seat.



# **©**STUDENTSERVICES

# EDUCATIONAL ADVISORS

Educational advisors assist students with NWCC services, policies, procedures, facilities, programs and courses, prerequisites, and financial aid. Educational advisors can help you develop a personal educational plan and succeed at NWCC.

# ACCESSIBILITY SERVICES COORDINATORS

Accessibility services coordinators can assist students with disabilities to access a range of services and equipment.

student assistants

study accommodations

physical accessibility and orientation support

pre-registration assistance

accommodation for students with physical disabilities

Be sure to contact a NWCC accessibility services coordinator at least eight weeks before classes start.

# FIRST NATIONS STUDENT ACCESS COORDINATORS

First Nations access coordinators support
First Nations students with educational and
personal matters. They assist First Nations
students in their transition to NWCC, and
often act as a liaison with First Nations Band
education coordinators.

They also work with the NWCC community to provide a welcoming and supportive environment for First Nations students.

#### LEARNING ASSISTANCE SPECIALISTS

Learning assistance specialists offer student success courses, assessments and assistance for students wanting a little more help.

# Were here for you

You've got questions. We have answers. And support.

NWCC's Student Services team is made up of professional, knowledgeable and friendly staff available on campus, online and by phone.

# **MORE**STUDENTSERVICES ©

Bookstore

Every campus bookstore carries textbooks, course materials and tools for NWCC courses and programs, plus day-to-day items like general interest books, stationery, backpacks, clothing and memorabilia.

Career Resources

The NWCC student services team and campus libraries have a wide variety of resources and information about career planning, personal development, and college and university programs.

Students experiencing personal difficulties can access community counselling services by talking to any member of the student services team or an instructor. Requests are kept confidential and counselling is pro-

Libraries

vided in confidence.

We have a library or reading room at every NWCC campus. Borrow books, movies and more from any public or NWCC library free of charge!

NWCC's student union campaigns for common student interests such as affordable education and discount programs. It also has local campus life committees that plan events and help coordinate campaigns and union services. For more info call 1.877.277.2288 Ext. 5458 or go to **nwccsu.ca** 

" Food

On-campus food services are available at NWCC Terrace Campus. The Waap Haawk cafeteria is open Monday to Friday, September through May, and offers meals and snacks at great prices.

Residences

On campus living accommodations are available to students at NWCC Terrace Campus. We have five residence buildings, each with wireless internet; a lounge with a TV/DVD; a kitchen with fridge, freezer, microwave; and a washer/dryer. Each residence has a bed, study desk, dresser and storage. Personal fridges are available for rent.

Find out more by calling 1.877.277.2288 Ext. 5266.



# **© EVENTS**@NWCC

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At NWCC, we like to have fun and show off our achievements. We celebrate our students, staff and communities year-round. Here's just a few annual events we host at our many campuses.

March	<b>Skills Canada Regional Competition</b> – various campuses High school and trades students compete for prizes.					
	<b>Discover Trades Day</b> – <i>EVERYONE'S WELCOME!</i> – Terrace  Try different trades, test out heavy equipment simulators and meet local employers.					
April	Freda Diesing School of Northwest Coast Art Graduation Exhibit – Terrace NWCC's student artists display and sell their work.					
May	Convocation Ceremonies – GRADUATION! – all campuses  Challenging the Paradigm – Smithers Scholars gather to teach and learn about the decolonization of post-secondary education.					
	<b>Exploration &amp; Mining Expo</b> – Smithers  Community members, NWCC students and high school students learn about careers in exploration and mining, training and job opportunities from industry experts and employer					
July & August	Math and Science Camps – various campuses Students from Grades 3 to 7 engage in fun math and science activities.  Test Drive – Terrace High school students live a day in the life of an NWCC student. This three-day, two-night event includes eating at the NWCC cafeteria, taking courses, meeting other students and sleeping in the dorms.					
	Celebration of Learning – Smithers Students from NWCC's School of Exploration & Mining celebrate their achievements.					
September	Week of Welcome – all campuses Welcome to NWCC! Kick off the school year with BBQs, tours, games and more.					
	<b>BC Secondary School Mathematics Contest, Northwest Region</b> – Prince Rupert, Smithers and Terrace Students from Grades 8 to 12 compete for prizes in two rounds of math challenges.					
October & November	<b>Open House</b> – various campuses Local high school students spend the day on campus, participating in classes and fun activities.					
	<b>Growing Through Giving</b> – various campuses NWCC closes for a day and staff, faculty and students volunteer for various off-campus community projects.					
	<b>Awards Ceremonies</b> – various campuses Award recipients are celebrated.					
December	Freda Diesing Student Art Sale – Terrace Just in time for holiday gifts.					

# **ABORIGINAL**EDUCATION ©

Over the years, NWCC has worked hard to create an inclusive and welcoming environment for all learners and our efforts have paid off. NWCC is now a recognized leader in Aboriginal education.

Aboriginal students choose NWCC because of our respect for Aboriginal worldviews and educational practices. A big part of this success is thanks to progressive and open relationships between NWCC and local First Nations bands and governments.

46 per cent of NWCC students are Aboriginal

That's the largest percentage of Aboriginal students at any BC college.

#### **Supporting our Aboriginal Students**

#### **First Nations Access Coordinators**

As part of NWCC's student services team, First Nations access coordinators are there every step of the way for Aboriginal students. First Nations access coordinators act as liaison with First Nations band education coordinators.

#### **Welcoming Environments**

NWCC proudly acknowledges the traditional territories of local First Nations. In November 2004, a contemporary totem pole symbolizing the importance of education to the region's seven First Nations was raised at NWCC's Terrace campus. The 'All Education Pole' has been followed by pole raisings at Hazelton and Smithers campuses. Waap Galts'ap, a community longhouse built in 2010 at our Terrace Campus, serves as a safe and welcoming gathering place for students.

#### **First Nations Council**

First Nations Council provides integral guidance in NWCC governance and decision-making. It increases Aboriginal student success rates by focusing on student advocacy, program promotion, curriculum design, cultural issues and content, program and education service evaluation.

#### **Aboriginal Programs**

In partnership with our First Nations Council and local First Nations communities, NWCC develops programs that integrate the cultural, social, political, and economic values and realities of Northwest First Nations. We honour and support the rich traditions of First Nations in our region and, through education, ensure these traditions are passed to future generations.





**Northwest BC has it all** – friendly Canadians, fascinating history, First Nations culture and year-round wilderness adventures. Learn and enrich your life in our safe and friendly communities. Get a true, small-town Canada experience!

Check out pages 26 and 27 of this guide for more info about fun things to do in Northwest BC.

#### **ENGLISH COURSES**

NWCC's Prince Rupert campus offers English as a Second Language for international students of all levels (beginners, intermediate and advanced).

TOEFL or IELTS scores are not required to enrol in the ESL program.

Most post-secondary programs require high school level English. Many students choose to complete language training at NWCC before selecting a post-secondary program.

#### Oct questions?

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Email international@nwcc.bc.ca or call us at 1.250.635.6511 Ext 5701

In Canada and US, call toll free 1.877.277.2288 and ask for International Admissions.

#### **HOW TO STUDY AT NWCC**

- 1. Talk to our registrar's office about admission to NWCC.
- 2. Go to nwcc.bc.ca/admissions/applying-nwcc/application-requirements to make sure you meet all of NWCC's application requirements for international students.
- 3. Get a letter of acceptance from the NWCC admissions department (required to obtain a Canadian study permit).
- 4. Apply for a Canadian study permit on the Citizenship and Immigration Canada website cic.gc.ca
- 5. Speak with an NWCC Educational Advisor. They can assist you in choosing courses to complete your program. They can also direct you to other services you may need during your stay in Northwest BC.
- 6. Register for your courses. Your letter of acceptance will explain how.

Please note: 50 per cent of your total fees must be paid prior to your acceptance to NWCC, with the balance due at registration.

Learn more about studying and living in BC at livelearnbc.ca



NORTHWEST COMMUNITY COLLEGE

# **APPLYTONWCC®**

STEP

#### **CHOOSE YOUR COURSE(S) OR PROGRAM**

NWCC has courses and programs to suit your educational needs—from trades training to one-year certificate and two-year diploma programs and university credit transfer. Check out this guide, talk to an NWCC educational advisor or go to nwcc.bc.ca/programs to find the program that's right for you.

**APPLY TO NWCC** 

Apply online at applybc.ca or complete an Application for Admission form. You can find the form at the end of this guide or on our website. It's also available from the student services team and registration staff at all NWCC campuses. There is no fee to apply.

Applications deadlines vary depending on the program. Some have specific application deadlines and others take applications throughout the year. See the website for current information.

Application requirements for international students differ. Go to nwcc.bc.ca/students/international for more info.

**COMPLETE ADMISSION REQUIREMENTS** 

Make sure NWCC gets all the necessary admission requirements and documentation. This may include official transcripts from secondary or post-secondary institutes, letters of reference, etc. Check the specific requirements listed for your program on the website and contact an educational advisor or the admissions office to ensure you've provided all the necessary information.

Students who apply online must bring their documents to their local NWCC campus or mail them to:

Admissions Office / Northwest Community College 5331 McConnell Avenue Terrace, BC V8G 4X2

**REGISTER FOR CLASSES** 

If you've met all the admission requirements, you will receive an acceptance letter from NWCC offering you a seat in your program. To guarantee your seat, you must pay a tuition deposit, which is applied to your first semester's fees, then follow the letter's instructions about how to register for classes and pay the rest of your fees.

**PAY YOUR FEES** 

Your registration is complete once you've paid all of your fees. The costs for each program are detailed on the website.

You can pay online or by phone using a credit card; in person by cash, cheque, debit or credit card; or by sponsorship letter from a sponsoring agency.

YOU'RE IN! Congratulations on your bright future. LET US HELP

NWCC educational advisors are always available to help you decide on the best program or course for you. They know the ins and outs of applying to and registering for NWCC. We suggest you talk to us before you apply.

# ODOLLARSANDSENSE

NWCC offers some of the lowest tuition in BC, but we understand that money is always tight. NWCC's student services team can help you find ways to pay for your education. The cost for you to study at NWCC depends on your program and personal circumstances.

- **S** Awards Each school year, NWCC offers over 65 awards – more than \$85,000 of FREE money in bursaries and scholarships.
- **S** Government Grants Available for both part and full-time students.
- **\$** ITA Apprentice Grants The Industry Training Authority (ITA) has thousands of dollars in grants to give to eligible trades students. Go to itabc.ca to find out how you can get FREE money!
- **Government Student Loans** You don't have to start paying them back until you graduate.
- S Bank loans and lines-of-credit Students may get lower interest rates.
- S Part-Time Work Work part-time to make extra money.
- Transfer Credits to NWCC Save time and money. See next page for more info.

Talk to an educational advisor or go to nwcc.bc.ca/FinancialAide for more info.

#### How much will it cost?

The cost for you to study at NWCC depends on your program and personal circumstances.

#### **ESTIMATED EXPENSES** for an 8-month, full-time program\*

#### Living at home

TOTAL EXPENSES FOR 1 YEAR\$4	4,964.30
Graduation Fee (Certificate or Diploma)	\$25.00
Miscellaneous	\$800.00
Textbooks/Supplies (\$900 - \$1,250 + GST)* \$	1,250.00
Bus Pass	
Tuition & Fees (\$267.93 x 10 courses)	2,679.30

#### Living in Terrace Campus Residence

Tuition & Fees (\$267.93 x 10 courses) \$2,679.30
Textbooks/Supplies (\$900 - \$1,250 + GST)* \$1,250.00
Residence & Meals at Terrace Campus\$4,337.00
Miscellaneous\$800.00
Graduation Fee (Certificate or Diploma)\$25.00

\$9,091.30

\* Estimates only. Prices vary and are subject to change

TOTAL EXPENSES FOR 1 YEAR.

- \* Based on a two-semester academic program. Tuition, fees and supplies vary by program. Current program costs are on the website.
- \* Note: Costs for international students are different. Contact NWCC's registrar's office for more info.
- \* Source: Human Resources and Skills Development Canada

Approximate cost for one year of study at NWCC = \$5000 Reward of an education = priceless

#### **Transfer Credits - to NWCC**

Save time and money. If you've taken courses at another college or university, you may be able to transfer that credit to NWCC. Use it as an equivalent for required courses in your chosen program, or for prerequisites for other courses you want to take.

To have transfer credit evaluated, submit a Transfer Credit Request form to the registrar's office along with sealed official transcripts from each institution you've attended. For the form and more info, contact an educational advisor or the registrar's office.

Go to bctransferguide.ca for BC transfer agreements.

#### **Transfer Credits - from NWCC**

Wondering how the credits you earn at NWCC can transfer to programs at other institutions? Contact an educational advisor or the registrar's office, or check

#### bctransferguide.ca

Please note that NWCC aims to provide students with the most current and accurate educational advice available. Because of the ever-changing and complex nature of post-secondary education in BC, however, we urge anyone hoping to transfer credits to other institutions to verify the advice we offer with the receiving institution.

#### **Prior Learning Assessment** (PLA)

Life and work experience could count for credit. A Prior Learning Assessment (PLA) may give you credit for skills and knowledge you already have, regardless of how and where you learned them. For details, contact an educational advisor. Check **nwcc.ca** for our detailed PLA policy.

**TRANSFER**CREDIT®

#### **Dual Credit— High School and College Credit**

It's possible for high school students to take NWCC courses and programs, and earn both high school credits and college credits. Talk to one of our educational advisors to see if you and the NWCC course or program you're interested in is eligible.

#### DID YOU KNOW?

Over the next ten years, it's projected that 76% of job openings in BC will require some post-secondary education. This includes college, apprenticeship training and university education.\*

\* Source: COPS BC, 2007-2017



#### SENIORS ENROL FOR FREE

Seniors aged 65 and older are eligible for tuition-free enrolment in many NWCC courses.

Check with NWCC's registration desk to see if you are eligible. It's never too late to learn!

Do you need certifications to enhance your employability? Maybe you've decided to change careers? Maybe you've got your first career planned and it starts here at NWCC. From individual courses or career-minded programs, we meet your educational needs. See what we have to offer, then choose the program that's right for you.

#### **Certificates & Diplomas:**

Accounting (ABT)

Administrative Assistant (ABT)

Adult Special Education Workplace Skills Training

Applied Business Technology

**Applied Coastal Ecology** 

Applied Earth & Environmental Studies

**Business Administration** 

Career & College Preparation

Community, Crime & Social Justice

Computer Support Technician

Early Childhood Education

First Nations Fine Arts

Guardian Watchmen

Health Care Assistant

Interdisciplinary Access Program

Office Assistant (ABT)

**Practical Nursing** 

**Public Administration** 

Social Service Worker

#### **Associate Art/Science Degrees:**

Arts—Criminology Specialization

Arts—First Nations Studies Specialization

Science—Environmental Geoscience Specialization

University Credit courses (200-plus)

University Credit Field Schools

#### Degrees:

Northern Collaborative Baccalaureate Nursing – Registered Nurse\*

Bachelor of General Studies (Athabasca University)\*\*

- \* Four-year program with two years at NWCC and two years at UNBC Terrace
- \*\* NWCC Business Administration Diploma plus 10-12 NWCC courses

#### **Trades Foundations Training:**

**Automotive Service Technician** 

Carpentry

Electrical

**Heavy Equipment Operator** 

Heavy Duty Equipment Technician/Commercial Transport

Millwright/Industrial Mechanic

**Professional Cook** 

#### **Trades Apprenticeship Training:**

Automotive Service Technician

Carpentry

Electrical

Heavy Duty Equipment Technician

Heavy Equipment Operator Technician

Professional Cook

Welder Training

#### **NWCC Schools:**

Freda Diesing School of Northwest Coast Arts

School of Marine & Coastal Studies NEW!

School of Exploration & Mining— BC Mining Centre of Training Excellence

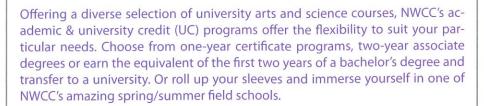
School of Northwest Culinary Arts

Workforce Training & Continuing Studies

#### DELIVERY OPTIONS

Many NWCC courses and programs are available by alternate delivery formats, over the internet, in virtual class-rooms, via videoconference or teleconference or through the mobile trades training and virtual simulator units. Contact your local campus to find out what works for you.

# **ACADEMIC & UNIVERSITY CREDIT**



#### **COLLEGE CRAZE**

Students don't have to choose between college and university. You can do both. And going to a community college before or after you attend university has many advantages:

- Tuition is lower
- Classroom sizes are smaller which means more personal, individualized attention
- Campuses are smaller and familyoriented so students feel comfortable and safe
- Regional campuses let students stay close to home so they get the support they need and save money
- Training options are usually more flexible and accessible.

NWCC offers lots of skills training, diplomas and certificates that get students working right away. We also offer university credit courses and programs that ladder into university degrees.

That means you can start your education at NWCC, get all the benefits that come with that, then go to university.

For example, you can complete a twoyear Associate Degree in Arts or Science at NWCC, in a number of topics at the campus of your choice. Then ladder into a university program choice, study for two more years and graduate with degree;

- or maybe you just need a couple course credits to upgrade your grades before going to the university of your choice;
- or you need a couple courses to complete your university degree;
- or maybe you've finished your university degree and want specific skills, training and hands-on experience.

At NWCC, the choice is yours.

Labour market predictions show that more than threequarters of all jobs in the future will require some post-secondary education and training.\*

\* Ministry of Advanced Education, 2013

"Most students who start their education at NWCC then continue on to other post-secondary institutions can't say enough about how much it helped them in their education and career path."

Danielle Richey,NWCC Education Advisor.

#### TESS MOTSCHILNIG

Tess Motschilnig has big plans for the future. And those plans start at NWCC, where she can get a quality education close to home.

While going to school in Terrace, Tess is living at home with her mom and dad. That means she is getting all the support she needs.

"I am inspired by my parents. They have worked very hard and I am grateful for all that they do," says Tess. "My parents encourage me to do well in school and I hope to make them proud of me."

After completing an Associate of Science Degree at NWCC, Tess plans to transfer her credits to UNBC to complete a degree in Environmental Engineering.

Tess received several science awards in high school and isn't afraid of working hard.

"My grades don't come easy," she says. "I dedicate many hours to school and homework and it's all worth it."



# PROGRAMS @ NWCC

# APPLIED EARTH & ENVIRONMENTAL STUDIES

All campuses

# ASSOCIATE DEGREE IN ARTS & SCIENCE

Prince Rupert Campus Smithers Campus Terrace Campus







#### **Associate Degree in Arts**

Criminology Specialization

First Nations Studies
Specialization

Applied Earth & Environmental Studies—with Geostudies or Geosciences options—is a one-year program that emphasizes the practical application of earth and environmental studies. Hands-on curriculum includes community-based projects and field-based studies, building valuable skills and knowledge that meet employment and career needs. Students gain the academic and applied skills relevant for entry-level employment in natural resource, mining and mineral exploration, tourism, outdoor adventure and environmental industries.

Earns you an APPLIED EARTH & ENVIRONMENTAL STUDIES CERTIFICATE

Associate Degrees are equal to 60 credits, about two years of full-time academic study. Students complete a broad range of university-level courses in a variety of academic subject areas, balanced with in-depth study in specific disciplines. Associate Degrees may transfer directly to the third year of an undergraduate degree program at other post-secondary institutions so earning an Associate Degree at NWCC is an inexpensive way for students to complete two years of a four-year Bachelor's Degree without accumulating a large amount of debt. Associate Degree graduates may also qualify for higher paying jobs.

An Associate Degree in Arts is a key pathway to social services and humanities degrees such as English, history, psychology and anthropology. A minimum of 60 credit hours (20 specific University Credit [UC] courses) is required. This must include a minimum of 18 credit hours in Arts at the second-year level in two or more subject areas. The Associate Degree in Arts has been designed to facilitate maximum transferability to a BA Degree program or to conclude after two years at NWCC.

#### — Criminology Specialization

The Associate Degree in Arts — Criminology Specialization focuses on the study of criminology, the scientific study of crime, criminals, and the criminal justice system. Students approach the problems of crime from the perspectives of law, psychology, sociology, cultural studies, social services, political science and history. Each view contributes to a greater understanding of crime in our society.

Earns you an ASSOCIATE DEGREE IN ARTS — CRIMINOLOGY SPECIALIZATION

#### — First Nations Studies Specialization

The Associate Degree in Arts — First Nations Studies Specialization students learn about First Nations peoples from their voices, perspectives and worldviews, while gaining an understanding of the diversity amongst First Nations peoples' cultures, values, beliefs, traditions, protocols, history, languages and relationship with the land.

Earns you an ASSOCIATE DEGREE IN ARTS — FIRST NATIONS STUDIES SPECIALIZATION

ASSOCIATE DEGREE IN ARTS & SCIENCE CONTINUED

#### Associate Degree in Science

Environmental Geoscience Specialization An Associate Degree in Science is a key pathway into biological, health and medical degrees. A minimum of 60 credit hours (20 UC courses) is required. This must include a minimum of 18 credits in sciences at the second-year level in two or more subject areas. The Associate Degree curriculum comprises two years of university level study in a variety of academic areas. Students complete a broad range of courses, balanced with in-depth study in specific disciplines. The Associate Degree in Science has been designed to facilitate maximum transferability to a BSc Degree program or to conclude after two years at NWCC.

#### — Environmental Geoscience Specialization

The Associate Degree in Science — Environmental Geoscience Specialization is for students with an interest in the natural sciences and a love of the outdoors. The Environmental Geosciences encompass a broad range of disciplines that allow students to develop an understanding of Earth's related natural systems and processes. Graduates will be well versed in atmospheric, hydrological, ecological, and geological studies and may go on to complete degrees in geography, geology or biology or may find work in a variety of fields, such as mining and mineral exploration, fisheries, wildlife and freshwater management, climate modeling and wind and solar energy production. Fieldwork and field-based methods are an integral part of this Associate Degree.

Earns you an ASSOCIATE DEGREE IN SCIENCE —
ENVIRONMENTAL GEOSCIENCE SPECIALIZATION

# **COMMUNITY, CRIME & SOCIAL JUSTICE** (CCSJ)

Terrace Campus

Prince Rupert and Smithers campuses via



Community, Crime & Social Justice (CCSJ) is a fully accredited, 10-month program that prepares graduates with a solid grounding in criminology/criminal justice issues, particularly as they pertain to northern and First Nations residents. The comprehensive program includes a unique, supervised work placement in a criminal justice (or related) agency, allowing students to gain valuable employment experience. Graduates may find entrylevel employment in criminal justice agencies, including policing, corrections and the courts, and in related agencies, such as residential treatment facilities, shelters for victimized women and restorative justice. CCSJ Certificate courses also ladder directly into the second year of the Associate Degree in Arts – Criminology Specialization.

Earns you a COMMUNITY, CRIME & SOCIAL JUSTICE CERTIFICATE

#### **UNIVERSITY CREDIT (UC)**

All campuses





With first- and second-year university arts and science courses to choose from, you can earn the first two years of a four-year Bachelor Degree at NWCC, and then transfer directly into the third year of degree programs at BC universities. Register in a single course, transfer two years of university-level credits, take courses for professional development or fulfill life-long learning needs. Students who complete a minimum 60 specific credits (normally 20 courses) may apply for an Associate Degree or Arts and Science Diploma from NWCC. See Associate Degree program requirements above and previous page. Credits earned at accredited post-secondary institutions in BC may be transferred to NWCC and be used for degree and program requirements.

#### THE CHOICE IS YOURS

We offer university credit courses in lots of subjects

#### **ARTS & HUMANITIES**

Art
Art History
English
First Nations Studies
History
Philosophy
Women's Studies

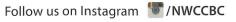
#### SCIENCES

Biology
Chemistry
Computer Science
Geography
Geology
Math
Oceanography
Physics

#### SOCIAL SCIENCES

Anthropology
Asian Studies
Criminology
Economics
Education
Geography
(Human)
Political Science
Psychology
Sociology

BIG PROJECTS. BRIGHT FUTURE. | NWCC GUIDE 2014/2015





A unique way to learn, get university credits, experience Northwest BC's incredible history, culture and outdoors—and potentially change your life—is to enrol in one of NWCC's popular field schools. Intensive spring/summer semester studies field schools incorporate a full semester of learning into a few weeks. University credit classroom studies are combined with significant cultural field trips and multiday excursions to create unique, life-enriching learning experiences in spectacular outdoor classrooms.

"One of the most rewarding postsecondary educational experiences has proven to be the summer Field Schools program. Exploring the stunning beauty and pristine landscapes of the northwest, with First Nations people on their ancestral homeland has been a lifetransforming experience for many students."

> - Sheree Ronaasen, **NWCC** Professor

"There is something to be said about a small group of people who want to learn and can do so without the boundaries of a classroom that can restrict your mind." - Alisha Webber, NWCC Field School Student

Terrace Campus, Stewart and Telegraph Creek August 13 - 28, 2014

This field school highlights some of the natural and cultural wonders of the Northwest. Students experience first-hand the impacts of climate change, industrial development and tourism on the landscape, ecology, culture and future of the First Nations in this area. Field studies of the natural landscape are blended with learning about First Nations culture and history. Students study volcanic and glacial landscapes, observe grizzly bears and observe the Grand Canyon of the Stikine River and Mt. Edziza, the source of extensive obsidian trade for thousands of years. Tahltan Elders and cultural experts are an integral part of this field school.

#### PEOPLE OF THE SKEENA FIELD SCHOOL

Terrace Campus

August 5 – 12, 2014

The People of Skeena field school includes an immersive experience in the rich culture and history of the Gitxsan people. Skayan (Anita Davis), Hereditary Chief/Matriarch and other Eagle Chiefs/Elders host students at the Language Preservation and Culture Camp at Gwaxts'eliksit, the Gitxsan Eagle clan's fishing site. Learn about cultural practices and knowledge while preparing smoked salmon and weaving with cedar in an amazing outdoor classroom.

#### **CULTURAL HERITAGE OF THE SKEENA** AND BULKLEY VALLEY

Smithers Campus

April 29 - May 5, 2014

The Cultural Heritage of the Skeena & Bulkley Valley field school focuses on the spectacular regional environment and First Nations communities in Northwest BC. Students take intensive short-term anthropological and archaeological courses to earn six university credits. This field school offers insightful interpretations of how First Nations people lived, and continue to live, emphasizing links from the past to the present. Local field trips may include 'Ksan, Hagwilget Canyon and Kitselas.



# BUSINESS & FINANCE

NWCC Business and Finance programs give you the credentials and expertise to get ahead in today's competitive workplace. Whether you want to work as an administrator in an office, pursue a specialized career in business and finance, or start your own company, NWCC offers one-year certificates or two-year diplomas that can help take you where you want to go.

#### OFFICE ADVANCEMENT

Office professionals need to be computer-savvy and NWCC's Applied Business Technology (ABT) program will ensure you're ready for employment.

ABT focuses on the professionalism of business support workers and integrates the key areas of fundamental, management, teamwork, and communication skills.

"These skills will help participants succeed and advance in the workforce," says ABT online instructor, Ann Marie Merkel.

Students entering the business world for the first time or updating skills will benefit, as the program supports a variety of business settings.

"The ABT certificates provide students with the personal and professional skills employers are looking for," says Merkel.

She adds, "Students who hope to start a business can also learn a lot of applicable skills."



#### WHAT KIND OF **IOBS CAN I GET?**

- accounting clerk
- administrative clerk
- administrative officer
- banking, credit & other investment manager
- banking clerk
- bookkeeper
- business development officer
- business services manager
- data entry clerk
- financial & investment analyst
- financial auditors & accountant
- financial manager
- financial officer
- insurance agents & broker
- loan officer
- marketing researcher & consultant
- purchasing clerks or manager
- real estate agent
- salespersons

# NWC $\Omega$ So

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#### **CHRISTY PAHL**

It takes courage to return to school when you've been out it for 10 years, but Christy Pahl is up for the challenge.

As a single mom, Christy successfully balances life, work and school. "I am adjusting to a new schedule and supporting my 16 year old son," she says. "It's tough, but with the job opportunities in our region, it is well worth the effort."

Christy is enrolled in Business Administration at Prince Rupert campus and her dedication to study is paying off.

Now participating in a mentorship project that pairs NWCC students with members from the local business community, Christy is a *Rising Star*.

"The Rising Stars program is an aspect of my program that I really value," she says. "I am networking with, and contributing to my local business community."

After graduation, Christy hopes to continue to be involved with local organizations and businesses. She looks forward to role modeling her success to other women.

#### **BUSINESS & FINANCE** PROGRAMS @ NWCC

#### **APPLIED BUSINESS TECHNOLOGY**

Available Online

The Applied Business Technology program prepares learners for general and specialized administrative support positions in a variety of business and office settings. Through the convenience and flexibility of online learning, students use popular software and technology to learn new skills and become proficient at managing information, solving problems and producing professional documents. The program offers provincially-accredited training in business communications, computer applications, human relations, and accounting methods from college instructors online. Earn one or all three of these industry-recognized credentials—each focusing on specialized skills—or choose from individual courses. Certificates can be completed full- or part-time, or one course at a time.

Earns you an OFFICE ASSISTANT CERTIFICATE • ACCOUNTING CERTIFICATE • ADMINISTRATIVE ASSISTANT CERTIFICATE

#### **BUSINESS ADMINISTRATION**

Prince Rupert Campus Terrace Campus

The Business Administration program consists of a one-year Certificate and a two-year Diploma with concentrations in accounting, human resources or general management. These programs prepare students for careers in accounting and financial management, banking, insurance, purchasing, entrepreneurship, marketing, tourism, government, notfor-profit and international business. Business Administration program courses ladder directly into third year of degree programs at various universities. Individual courses can be used as credit towards many professional management organizations, and transfer to professional accounting associations including CA, CGA and CMA.

Earns you a BUSINESS ADMINISTRATION CERTIFICATE • BUSINESS ADMINISTRATION DIPLOMA

#### **PUBLIC ADMINISTRATION**

Various campuses

The Public Administration program provides the opportunity for local public servants to gain increased knowledge of the political and organizational realities of local government in BC, including First Nations government. The four courses included in the program are: local government administration in BC, municipal finance in BC, local government services in BC, and municipal law in BC.

Earns you a **PUBLIC ADMINISTRATION CERTIFICATE** 

# 6 TRAITS EVERY SMALL BUSINESS OWNER SHOULD HAV!

1. Collaborative

3. Future Focused

5. Tech Savvv

2. Curious

4. Self Fulfilled

6. Action Oriented

#### Online Courses

NWCC's Business Program offers distance education and online courses with live instructors through the use of Video Conferencing and Internet Broadcasting technology.

Online courses are conducted in parallel with NWCC's standard 15-week semester and an invigilated final exam scheduled during the NWCC exam week.

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Check out nwcc.ca or coursesbc.ca for more information.



# COMPUTER STUDIES

The demand for skilled information technology (IT) workers and the job opportunities in IT continue to grow rapidly. And the information & communications technology certificate at NWCC gets students into the workforce in as little as one year.

#### **GET ON THE DIGITAL FAST TRACK**

NWCC offers a new, Computer Support Technician certificate (CST) that can get you working in the Information Technology industry in as little as one year.

"The new certificate is a more flexible starting point for students compared to the diploma program NWCC used to offer," says program coordinator, Brian Butler.

The new Computer Support Technician Certificate program can be the only program you choose to take, or just the first step in your career path. Many graduates will be able to find employment right away, or they can choose to transfer their credits and ladder to a diploma program in another college or university.

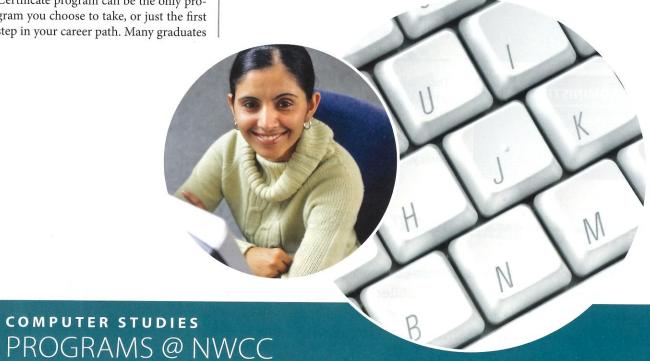
"NWCC's CST certificate is your doorway to a career in IT," says Butler. "The possibilities of where you could work and what you could do are endless."

#### WHAT KIND OF **IOBS CAN I GET?**

- application programmer
- business application programmer
- computer game developer
- computer programmer
- e-business (electronic business) software developer
- interactive media developer
- multimedia developer
- operating systems programmer

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- programmer analyst
- scientific programmer
- software developer software programmer
- systems programmer
- web programmer



**COMPUTER SUPPORT TECHNICIAN** 

Online classrooms



The Computer Support Technician program uses popular open source and Microsoft hardware and software in a cyber-structure model, combining web conference and online delivery to prepare graduates for a future in Information Technology, a sector full of career opportunities. Students learn programming, scripted and markup languages hands on using various applications. They develop the customer service attitudes and skills that are critical in today's IT world.

Earns you a COMPUTER SUPPORT TECHNICIAN CERTIFICATE

# OUTDOOREDUCATION

**NWCC's innovative model** of education has students learning in their communities and participating in real-world projects where they gain valuable employment-ready experience. Working and learning outdoors deepens students' understanding of the environment and what's required for successful careers.



#### **GREEN MARINE** CERTIFIED

Green Marine is a multi-GREEN MARINE stakeholder program that aims to create environ-

mental standards for the marine industry, and NWCC is the first education institution on the west coast of North America to join them.

The initiative challenges participant marine companies to voluntarily improve environmental performance by undertaking concrete and measurable actions.

"The uniqueness of our program is how it welcomes all stakeholders at the same table: ports, terminals and ship owners shape the program with representatives from environmental groups, academic and legislative sectors," explains David Bolduc, Green Marine executive director.

With the help of Green Marine, NWCC is showing environmental leadership in education and helping set high standards of excellence for marine and coastal education and training.

"Our membership in Green Marine is very beneficial to our students. It allows better access to marine industry information that is incorporated into and across curricula, particularly to applied coastal ecology," says Dr. Henning, President and CEO, Northwest Community College.



"We got up close and personal with a lot of local species. The 1000 lb bull sea lion only 12 feet from our small boat was amazing!"

> - Janette Paavola, Invasive Crab Research participant (CCP Student)

#### **BEWARE OF CRABS**

NWCC's Applied Coastal Ecology (ACE) students spent last summer boating around Prince Rupert looking for a certain species of crab. They hoped not to find any.

The European green crab, a non-indigenous species, has been marching northward on the Pacific Coast since 1998. NWCC students and faculty set strings of modified shrimp traps to determine if the crabs had come this far north yet.

"Students enjoyed boating around the harbour, applying the knowledge and skills they learned in the classroom to help maintain the pristine nature of Prince Rupert," says Peter Freeman, ACE Instructor.

None of the invasive crabs were detected, but it is feared that if they become established, they could possibly deplete local populations of the indigenous Dunge-

This project was a partnership between NWCC, the Port of Prince Rupert, the Department of Fisheries and Oceans, and the Smithsonian Environmental Re-





# COOKING & CULINARY ARTS

Programs in NWCC's School of Northwest Culinary Arts fully integrate students into the fast-paced environment of a working industrial kitchen. Students practice skills and classroom theory, and prepare and serve meals.

#### **FOOD FOR THOUGHT**

Training at NWCC's School of Northwest Culinary Arts equips students with the practical and technical skills they need to work in a global industry that continues to grow.

NWCC culinary graduates are professional, well-trained cooks and chefs with extensive food production technical theories and skills, and real practical experience.

"Cooking in our campus cafeteria gives the added benefit of truly experiencing a functioning kitchen," says NWCC instructor Chef

Dennis Thistlewaite. "This adds to students' depth of learning and helps them figure out where they want to focus their careers."

The world is full of exciting job opportunities for NWCC culinary students.

Graduates work at hotels, resorts, restaurants and other food service businesses.

> The number of culinary jobs in Northwest BC, for example in work camps, are increasing too, which means NWCC graduates are finding high-paying jobs right here, in our region.

#### WHAT KIND OF **IOBS CAN I GET?**

- camp cook
- dietary cook
- first cook
- grill cook
- line cook
- second cook
- short order cook
- corporate chef
- executive chef
- executive sous-chef
- master chef
- pastry chef
- saucier
- specialist chef
- sous-chef

Professional cooks work in the hospitality and food services industry in restaurants, hotels, resorts, fishing lodges, cruise ships, and in the health care and social assistance industries.

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#### **BRANDON OLSON**

Brandon Olson knows life can be challenging, but his NWCC experience has taught him that facing your fears comes with many rewards.

Born and raised in Hazelton, Brandon moved to Terrace for NWCC's School of Culinary Arts. His parents encouraged him to attend, but he admits he was afraid.

"I didn't want to leave my family and childhood friends," says Brandon. "It is still tough for me to be away, but I am happy I left too. I am learning many new skills and I have formed a strong bond with my instructors and classmates."

Brandon's family inspired his studies. Like his parents and aunts and uncles before him, he wanted to be an NWCC student and a good cook.

"Growing up, my grandparents were always cooking," says Brandon. "I want to teach my skills to family members so that we can all help each other in as many ways as possible."

When Brandon graduates he wants to open his own business. He wants to start something new in Hazleton as well as to develop a program to help those struggling to

'Too many people in our world are hungry," says Brandon. "In the future, my cooking will help those who are in the greatest of need."

#### COOKING & CULINARY ARTS PROGRAMS @ NWCC

#### **PROFESSIONAL COOK APPRENTICE 1 & 2**

Terrace Campus

Successful completion of both Professional Cook Apprenticeship Level 1 and Professional Cook Apprenticeship Level 2 earns a NWCC Professional Cook Certificate, and marks the starting point of a great career in the food service industry. In one year, the practicebased certificate program focuses on skills and knowledge required for employment as an apprentice cook or entrance into the Professional Cook Diploma program.

Earns you a PROFESSIONAL COOK CERTIFICATE

#### **PROFESSIONAL COOK APPRENTICESHIP 3**

**Terrace Campus** 

Professional Cook Apprenticeship Level 3 students complete the final six weeks of apprenticeship technical training and are prepared to write the Inter-Provincial (Red Seal) examination. Successful exam results, combined with practical and work-based hours can result in Inter-provincial Red Seal certification. For more information about Inter-Provincial Standard Endorsement (Red Seal) visit www.red-seal.ca

Earns you a PROFESSIONAL COOK APPRENTICE 3

#### TRADITIONAL FOODS OF NORTH COAST BC

Fish (Salmon, Eulachon, Herring)

Moose

Deer

Small Mammals (Rabbit, Squirrel, Beaver)

Seaweed

Roots

Birds

**Berries** 

Seafood (Crab, Scallops, Shrimp, Abalone, Sea cucumber, Octopus, Clams, Prawns)

Bivalves (Clams, Mussels, Oysters)

# Salmon Soup Recipe



4 cups (1 L) water 1/4 lb. (125 g) salmon roe 1 lb. (500 g) fresh salmon,

1/2 lb. (250 g) potato, diced

1 stalk celery, diced

1 medium onion, diced Salt and pepper to taste

Pinch curry powder

1 bay leaf

1 tbsp vegetable oil Dry seaweed for garnish

In a large soup pot, sauté onion, celery and potato in oil • Add water and bring to a simmer • Heat salmon roe in a small saucepan and add to soup stock • Add salmon, salt, pepper, curry powder and bay leaf • Bring to a boil • Simmer over low heat until potatoes are just tender • Discard bay leaf • Ladle into soup bowls and sprinkle with dry seaweed.



# DEVELOPMENTAL EDUCATION

NWCC Developmental Education programs will meet a number of needs. Students can complete courses required for enrolment in other post-secondary programs (prerequisites), fulfill high school graduation or General Education Development (GED) preparation requirements, earn a BC Adult Graduation Diploma (Adult Dogwood) or upgrade their English language and learning skills. Adult students with special learning needs can aspire to independent living and entry-level employment with the help of NWCC.

#### **LOOK NO FURTHER**

If you've been out of school for a long time and need to improve your skills and certificates for employment, access and preparation programs are what you need!

It's well known that most jobs require a high school education, or basic literacy and work skills.

This is especially true for the many new jobs coming to our region over the next 10 years.

Come to NWCC to finish your high school diploma and get the skills you need.

NWCC has lots of programs that can prepare you for a new job.

#### FREE MONEY

Need help paying for books, supplies or tuition

The BC government offers grants to adults taking ESL, Academic Upgrading or Adult Special Education through the Adult Basic Education Student Assistance Plan (ABESAP).

Ask an NWCC Educational Advisor for an application today.

> Only students not receiving financial assistance from any other sources are eligible.



# NWCC & YOU

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#### KIRI DAUST

NWCC provides flexible opportunities for students to create their own educational journeys. Take Kiri Daust for example.

Daust is a high school student in Smithers, but he's also completing a chemistry course at NWCC's Smithers Campus in the Career and College Preparation Program (CCP).

It's Kiri's love for science that's inspired him to achieve medals at science fairs throughout Canada in the last four years. His most recent achievement was a project paper accepted for publication in the Canadian Field—Naturalist journal.

Homeschooled until Grade 10, Kiri is enthusiastic about NWCC. He loves Chemistry and the hands-on lab work. "My experience at NWCC has been excellent," says Kiri. "The professors are very helpful and I think that this is the best way for me to complete the course."

Also an accomplished violinist and aspiring baker, Kiri values pursuing his passions. "The more you know, the more you'll be prepared for life," he says.

#### **DEVELOPMENTAL EDUCATION** PROGRAMS @ NWCC

**ADULT SPECIAL EDUCATION - WORKPLACE SKILLS TRAINING (ASE WST)** 

Terrace Campus

ASE WST is a program for adults with special learning needs. Program staff and faculty prepare students for the responsibilities of independent living and the demands of entry-level employment. Students explore their interests and aptitudes while developing social, interpersonal and practical skills needed in the workplace. A work-experience placement in a community workplace environment gives students the opportunity to develop and practice necessary employment skills.

Earns you an ADULT SPECIAL EDUCATION WORKPLACE SKILLS TRAINING CERTIFICATE

#### **CAREER & COLLEGE PREPARATION** (CCP)

All campuses See website

The CCP program offers literacy and high school-level courses for adult students in an adult learning environment. CCP students learn basic skills to complete high school graduation requirements, upgrade for employment, prepare for further education and training or take specific courses required to enter university, career, technical, trades, health and business programs at NWCC or other post-secondary institutions. The CCP program has four levels. Students earn a NWCC Certificate when they successfully complete each of the first three CCP levels — Fundamental, Intermediate and Advanced. CCP Certificate graduates can earn a BC Adult Graduation Diploma (Adult Dogwood) by completing the fourth CCP (Diploma) level.

Earns you a CAREER & COLLEGE PREPARATION CERTIFICATE · ADULT DOGWOOD DIPLOMA

#### **ENGLISH AS A SECOND LANGUAGE (ESL)**

Prince Rupert Campus

The ESL program offers Beginner, Intermediate and Advanced levels. ESL helps students develop the speaking, listening, reading and writing skills needed for everyday life in Canada. Program activities include conversation, pronunciation and listening exercises, reading, writing and field trips. Students with advanced speaking and listening skills may enrol in a combination of ESL and other NWCC programs and courses. TOEFL or IELTS scores are not required to enrol in the ESL program. The ESL program also provides support and referrals for students needing help to complete forms and make phone calls. We offer assessment services to help students determine their language level (Canadian Language Benchmarks).

#### **INTERDISCIPLINARY ACCESS PROGRAMS (INTA)**

All campuses On demand

INTA programs are generally 6-month, full-time programs that help students meet the requirements needed to enter NWCC post-secondary programs. INTA programs also give students the opportunity to explore their interest in specific programs to ensure they make the best choice for their future. They are available for art, business, careers, culinary arts, ecology, health and trades.

INTA programs are offered on demand. Delivery is tailored to the needs of the community and/or funder. See the NWCC website for more info or contact an educational advisor.

Earns you an INTERDISCIPLINARY ACCESS PROGRAM CERTIFICATE



# ENVIRONMENTAL MANAGEMENT

Human activity and development in sensitive ecological and cultural areas has produced a need for skilled environmental management workers in Northwest BC and throughout the world. Emphasis on sustainable growth and environmental monitoring requires the skills offered at NWCC. Make a difference with a rewarding career that takes you out into the natural world!

#### **WILD WHALES AT NWCC**

Fascinated by whales?

The Vancouver Aquarium has expanded its B.C Cetacean Sightings Network by establishing the North Coast Field Office at NWCC's Prince Rupert campus. NWCC students now have the chance to study these incredible creatures—and get credit for it.

"The whale research done by the Vancouver Aquarium is widely known and respected around the world," says Larry White, NWCC Interim Vice President, Education and Student Services. "We are very excited about the prospects for benefits to our students and curricula as a result of this new partnership."

The B.C. Cetacean Sightings Network, a conservation and research program of the Vancouver Aquarium, works to acquire and compile important information about BC's whales. They study how many of them there are, where they spend their time, their behaviour patterns and much more.

This information is used to better understand and conserve the whale populations in collaboration with Fisheries and Oceans Canada (DFO).

#### WHAT KIND OF **JOBS CAN I GET?**

ACE grads work for environmental organizations, federal and provincial government agencies (for example, the department of Fisheries and Oceans), environmental consulting firms, First Nations governments, government-funded programs, aquaculture and forestry industries, ecotourism outfits and international development projects, and much more.

Guardian Watchmen grads work in entry level positions as environmental stewards and park rangers.

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With Vancouver Aquarium colocated with NWCC, new research opportunities are available for students in NWCC's Applied Coastal Ecology (ACE) program.

### 100% of ace diploma graduates FIND WORK IN A RELATED FIELD\*

\*Source: 2009-2011 BC Stats/DA CSO Student Outcomes Survey

#### ENVIRONMENTAL MANAGEMENT PROGRAMS @ NWCC

**APPLIED COASTAL ECOLOGY** (ACE)

**Prince Rupert Campus** 

The ACE program readies students for careers in coastal natural resources management, ecosystem restoration, environmental monitoring, and many others. ACE balances foundational learning in areas such as biology, geography, chemistry and oceanography with applied courses in areas such as salmon, ground fish and shellfish management, stream habitat restoration, rainforest ecology, wildlife management, and more. ACE students also get important technology training in computer database management, GIS mapping, surveying and technical writing and presentation. Students participate in real-world, community-based projects to gain employment-ready experience and ultimately gain a strong sense of how coastal ecosystems react to the stresses imposed on them by human activity, and how to apply procedures to mitigate impacts and restore healthy ecosystems.

Earns you an APPLIED COASTAL ECOLOGY CERTIFICATE. APPLIED COASTAL ECOLOGY DIPLOMA

**GUARDIAN WATCHMEN** 

Communities throughout Northwest BC

Guardian Watchmen programs provide First Nations students with the knowledge and skills to monitor and ensure that activities and practices within their territories are responsible and consistent with community plans and government regulations. Program graduates are better able to contribute to decisions and plans regarding the management and protection of important cultural and natural resources. The program offers courses in natural and cultural resources management.

Earns you a GUARDIAN WATCHMEN TRAINING CERTIFICATE

#### FINE ARTS First Nations fine arts diploma with a GPA of B or better are

The First Nations Fine Arts program is a unique training program for First Nations artists. The program guides students to the next level of expertise, transforming them from talented individuals into fine artists.

#### A STRONG FOUNDATION

NWCC's Freda Diesing School of Northwest Coast Art brings all nations together in the pursuit of higher education. It is the only school of its kind in Canada, focusing on traditional First Nations pacific northwest coast art.

Since its creation in 2006, the School has been committed to continuing the legacy of its namesake, the late

> nowned master carvers, the School emphasizes a solid foundation in Northwest Coast art, while students learn and practice the traditional art of woodcarving.

Freda Diesing. Led by world-re-

Students get a wellrounded learning experience that positions them for success.

"Each student brings their own unique talents and visions for their work and career to the classroom," says master carver and NWCC program coordinator and instructor Stan Bevan (Talhtan/Tlingit/

Tsimshian). "We support these students

and aim to give them the skills and guidance they need to develop their talents to the best of their abilities."

The program curriculum includes lectures by premier gallery owners, museum curators, dignitaries, cultural advocates and Master First Nations artists. Students experience field trips into historical First Nation sites; gain access to museum archives not open to the public; and attend workshops on photography, resume building, public speaking and media training.





Students who complete the

eligible for acceptance into

third year of the bachelor of

fine arts (visual or general fine

arts major) degree program at

Emily Carr University of Art +

Design in Vancouver.

With Spring comes the NWCC Freda Diesing School of Northwest Coast Art exhibit. Held annually at Waap Galts'ap at the Terrace Campus in April, the exhibit displays the work of first and second year students.

First and second year students showcase and sell a variety of pieces. Works include carved masks, spoons, bowls and paddles as well as framed paintings.

NWCC invites our communities to meet, greet, mingle and discuss the art with the artists themselves over the weekend.



#### FINE ARTS PROGRAMS @ NWCC

#### **FIRST NATIONS FINE ARTS**

Terrace Campus

Many of NWCC's Freda Diesing School graduates have become very successful, creating incredible works of art, winning awards and large commissions.

First Nations Fine Arts (FNFA) is a vibrant, successful Freda Diesing School of Northwest Coast Art program that seeks to honour and support the rich culture and tradition of First Nations art in the Northwest. Students of Aboriginal

descent develop a solid foundation in First Nations northwest coast art while learning and practicing the traditional art of woodcarving alongside world-renowned artists. The program includes field trips to important cultural events, cultural sites, museums and galleries. Visiting artists, dignitaries and cultural advocates enhance the learning environment with their knowledge, wisdom and experience. Students mount a number of public art exhibits each year to acquire the skills required by professional artists to display, promote and sell their own creative work.

Earns you a FIRST NATIONS FINE ARTS CERTIFICATE • FIRST NATIONS **FINE ARTS DIPLOMA** 



#### KELLI CLIFTON

Kelli Clifton—Adziksm Gyipayk—of the Tsimshian nation, completed her Bachelor of Fine Arts in 2011, and has been showing her work across the province since.

Growing up in Prince Rupert nurtured a love of the outdoors. Her works reflect her family's fishing history and her passion for traditional foods.

She recently completed the Aboriginal Youth Internship Program where she worked nine months with the BC Arts Council and three months with the First People's Cultural Council.

Kelli received the 2013 YVR Art Foundation Scholarship Award founded to foster the development of BC First Nations Art and Artists. One of her paintings was disolayed at Vancouver International Airport.

Despite these accomplishments, Kelli wanted to achieve greater knowledge of traditional northwest coast design and apply this to her own work.

Kelli is happy at NWCC and enjoys everything the Terrace campus has to offer.

She says, "It's a great campus and I spend lots of my spare time in the longhouse. There are workshops outside of class offered to students; it's fantastic. All in all, there is a great feeling of community."

BIG PROJECTS. BRIGHT FUTURE. | NWCC GUIDE 2014/2015

#### **TAKE YOUR PICK**

Now is the time to get the skills and training you need to take advantage of jobs coming to our region – especially in health care.

Due to retirement and new job openings, the health and social services sector is expected to experience the fastest growth rates for workers of all industries in BC, according to COPS Unique Scenarios 2007-1017.

"Whether you want to go to school for just a few months or a few years, NWCC has several options for you to choose from to start working in this dynamic field," says Gerry Gauthier, NWCC Dean of Instruction and Health Services.

## HEALTH & HUMAN SERVICES

Northwest Community College offers a wide range of programs in human and health sciences. If you like working with and caring for people, this is the field for you!

NWCC's health & human services programs offer credentials for work in early childhood education, as health care assistants, social service workers and practical and registered nurses with options for certificates, diplomas and the first two years of a bachelor of science in nursing.

#### Health Care Assistant

In only six months, you will be certified to provide care, under supervision, to clients. Your job will be to help them meet their basic needs and achieve their highest quality of life.

#### · Licensed Practical Nurse

Study for two years then start working, under the direction of registered nurses and physicians, in the community, continuing care and acute care.

#### Registered Nurse

Start your four years of study at NWCC to become a registered nurse and the possibilities are limitless. In addition to performing similar duties as a licensed practical nurse, registered nurses gain more complex knowledge, perform assessments and make critical decisions.

All three of NWCC's health programs offer hands-on experience while you study so you are comfortable as soon as you start working in the field.

#### WHAT KIND OF JOBS CAN I GET?

Health and human services workers provide health care, diagnostic services and treatment, residential care for medical and social reasons, and social assistance. Social assistance includes counselling, welfare, child protection, community food and housing, vocational rehabilitation and child care

#### COMING YOUR WAY

••••••••

NWCC is developing several new health and human services programs.

- O Aboriginal Child & **Family Services**
- O Aboriginal Wellness & **Addictions Prevention**
- O Mental Health & **Addictions Worker**

Contact us and check the website often for more info!

#### SOCIAL SERVICE WORKER PROGRAM GRADUATES FIND WORK AS

- addictions worker
- child and youth worker
- community development worker
- crisis intervention worker
- developmental service worker
- drop-in centre worker
- family service worker
- group home worker
- life skills instructor
- mental health worker
- aboriginal outreach worker
- rehabilitation worker
- support workers
- teacher assistant
- women's centre coordinator



# PROGRAMS @ NWCC

# EARLY CHILDHOOD EDUCATION (ECE)

Terrace Campus







Qualified and dedicated Early Childhood Educators that can provide quality care and education for children from birth to school age are in great demand. The ECE program is offered in a distance format consisting of audio teleconference, weekend seminars, practical fieldwork and online learning. This multi-mode format recognizes the importance of learning in your own community. The ECE program offers two levels of learning, ECE Basic and ECE Post Basic, taught in an inclusive atmosphere with a First Nations perspective in all courses.

Earns you an EARLY CHILDHOOD EDUCATION BASIC LEVEL CERTIFICATE

EARLY CHILDHOOD EDUCATION POST BASIC CERTIFICATE in

Infant/Toddler • Special Needs • First Nations •

**EARLY CHILDHOOD EDUCATION DIPLOMA** 

#### **HEALTH CARE ASSISTANT**

Various locations See website

NORTHERN COLLABORATIVE BACCALAUREATE NURSING (NCBNP) – REGISTERED NURSE

Terrace Campus

# PRACTICAL NURSING

Terrace Campus

**SOCIAL SERVICE WORKER** (SSW)

Terrace Campus Smithers Campus An aging population and a shortage of care workers make graduates of the Health Care Assistant program in high demand. The program prepares students to function as valuable members of a health care team. The graduate is able to provide care, under supervision, to assist clients in meeting their basic needs and to achieve the highest possible quality of life. This six-month, full-time, program combines class lectures with hands-on practicum sessions allowing students to begin learning and practicing personal care skills they can transfer directly into the work setting.

Earns you a HEALTH CARE ASSISTANT CERTIFICATE

The four-year Northern Collaborative Baccalaureate Nursing Program provides entry into the registered nursing profession. The program is offered collaboratively with the College of New Caledonia (CNC) and the University of Northern British Columbia (UNBC). After completing two years of study at NWCC Terrace Campus, NCBNP students continue at UNBC Terrace Campus (or transfer to a partner site) to complete third and fourth year of a Baccalaureate of Science in Nursing (BSN). Graduates are eligible to write the Canadian Registered Nurse Examination and to apply for registration with the College of Registered Nurses of British Columbia (CRNBC) after passing the exams. Graduates are prepared for the changing context of health care and health care delivery and are knowledgeable in current nursing practice, with an emphasis on one of the following: acute care nursing, rural nursing, community health or Aboriginal health.

The Practical Nursing program is two years of study (four semesters) to help prepare graduates to give professional care to individuals and families in a variety of settings. Graduates can apply to write the Canadian Practical Nurse Examination (CPNRE) for licensure as a Licensed Practical Nurse. LPNs are hired in the community, continuing care and acute care hospital settings. The Practical Nursing program has been revised province-wide to meet all new education competencies required for practical nursing graduates.

Earns you a PRACTICAL NURSING DIPLOMA

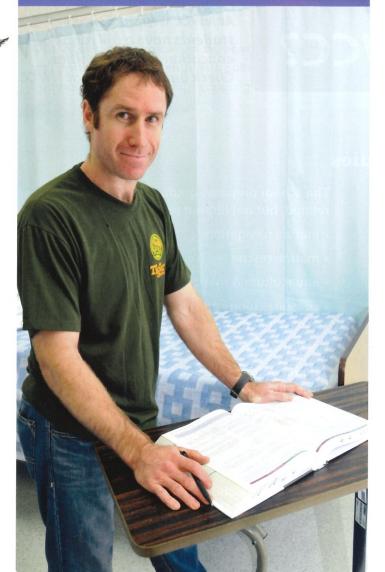
The SSW program is for students who wish to become skilled social services practitioners, helping and supporting people with different needs. The programs integrate university credit courses with social service career courses, and combine classroom theory with the practical skills necessary for employment in a broad range of social services occupations.

Practicum opportunities available in Northwest communities allow students to practice what they learn in workplace settings and gain valuable practical experience.

SSW Certificate graduates are prepared to work at the para-professional level or to continue their education to diploma and degree levels of education. SSW Diploma program graduates can either work at the para-professional level or continue their education to a degree level.

Earns you a SOCIAL SERVICE WORKER CERTIFICATE • SOCIAL SERVICE WORKER DIPLOMA

#### NWCC & YOU



#### MIKE O'NEIL

When Mike O'Neil completed the Licensed Practical Nursing program at NWCC almost a decade ago, he knew he wanted to do more.

And finally now, after working at Wrinch Memorial Hospital in Hazelton for the last six years, Mike's pursuing his goal to become a licensed Registered Nurse.

"I always thought I would go back to school one day," says Mike. "And the timing, with so many jobs in the region, finally seemed as good as it could get."

When Mike enrolled at NWCC at the Terrace Campus, in the Northern Collaborative Baccalaureate (NCBNP), he qualified for advanced standing in the program. Advanced standing allows LPNs with work experience to receive course credits within the program, lightening their overall course load.

Mike sees the NCBNP as a natural progression in his career and although it's been challenging he is glad to be pushed out of his comfort zone. With interesting classes and enthusiastic professors, his experience has been great he says.

After graduation, when he has more time and experience, he looks forward to having a more active role in his community.

"I think it's important to step up if you can," says Mike. "Communities, especially small ones, rely on volunteers."

#### Career Opportunities

Today, the opportunities for nurses are practically unlimited. The demand for nurses in all areas of hospital and ambulatory settings is creating opportunities for employment in this secure, well-paid, challenging and rewarding profession. Demands for community nursing, focusing on health promotion, education and illness prevention, are increasing.

.....

For self-directed individuals who enjoy the challenge of independent practice, nursing positions can be found in the North and abroad with international health organizations. Nurses are respected professionals and valued members of health care teams every—where

# WHAT'SNEW@NWCC?

At NWCC we make sure our students have a full range of educational opportunities. Check out what's new at NWCC.

#### School of Marine & Coastal Studies

Imagine a classroom on the shores of the Pacific Ocean. Here students are engaged in applied research and field-based projects, preparing for careers in marine occupations.

Welcome to the School of Marine & Coastal Studies (SMCS), where NWCC is creating that classroom.

We are building a strong partnership with industry to help meet the needs of resource and economic development in Northwest BC. These partnerships will help NWCC meet the workforce growth needs of industry, business, communities and government at all levels.

"With over \$60 billion in economic growth and development proposed in northwest British Columbia, the School of Marine & Coastal Studies prepares students to participate in the shore-side and offshore activities associated with these projects," says Dave O'Leary, NWCC Vice President of Institutional Advancement.

SMCS will enhance NWCC's capacity for mobile marine navigation training, marinebased trades and marine safety training. Can't come to us? We'll come to you.

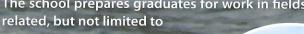
Based in Prince Rupert and Kitimat, the school will also deliver mobile training to the coastal communities in Northwest BC and beyond.

"The School of Marine & Coastal Studies will provide an innovative local solution to the training needs of our coastal communities," says O'Leary. "Students will be contributing to and shaping the communities and ecosystems where they live."

The school prepares graduates for work in fields

- marine navigation
- marine rescue
- aquaculture & mariculture
- coastal ecology and
- ecosystems research
- underwater construction and salvage
- · underwater welding
- commercial diving
- · ecotourism.

Look for the School of Marine and Coastal





- ecosystem management

Studies to launch in 2014



Our Masset Campus has relocated to Tahayghen Elementary School to serve you better. In partnership with School District 50, NWCC continues to offer excellent post-secondary programming in Masset, Haida Gwaii.

Steeped in First Nations' cultural history and pristine beauty, Haida Gwaii is located across the Hecate Strait from Prince Rupert. Residents enjoy miles of sandy beaches and peaceful ocean views. NWCC has campuses in three communities on Haida Gwaii: Queen Charlotte, Masset and Skidegate. Distances to other communities on the islands are relatively short and make NWCC programs easily accessible to all.



#### Guidance & Support

literacy skills for all levels workforce training resume writing computers life skills organization & time management study skills

#### **Houston Community Learning Centre**

NWCC's Houston Community Learning Centre, once the NWCC Houston campus, is a new multi-use access centre focused on helping learners succeed in school - and in life.

The Centre is the first of its kind at NWCC and is open to all community learners - not just NWCC students - whether you are working on your

Users are welcome to simply drop in and use the resources. We have on-site staff, tutors, workshops and many types of learning materials.

Staff are also available to work with learners of all levels to develop individualized success plans and work towards success.

Tell us what you need. We can help.

#### Courses & **Support Services**

Essential Skills training College & Career Preparation courses English as a Second Language Workforce & Trades training Test of Workplace Essential Skills First Nations access career assessments instruction and tutoring for GED distance options & supports student financial advising learning assistance educational advising



BIG PROJECTS. BRIGHT FUTURE. | NWCC GUIDE 2014/2015



# MINING & EXPLORATION

NWCC's School of Exploration and Mining (NWCC SEM) offers skills and training to anyone who wants to take advantage of the opportunities the mining and exploration boom is bringing to the Northwest.

Take your first steps towards a high-paying and rewarding job by enrolling in one of NWCC's unique, hands-on mining and exploration training programs!

#### **DON'T GET THE SHAFT**

High school students can work towards graduation, achieve college credentials and gain employable skills with NWCC's dual credit, Environmental Monitor Assistant Program (EMAP).

"NWCC provides engaging and handson learning experiences for youth," says Danielle Smyth, Projects Administrator, NWCC School of Exploration & Mining. "In addition to developing the technical skills needed for employment, the participants gain an understanding of careers in mining."

The EMAP program provides youth with knowledge of the exploration and mining sectors and the importance of cultural resource management. This helps to develop a skilled and job-ready workforce, something the mining industry in BC desperately needs.

"Expanding opportunities for students to begin apprenticeships and earn graduation credits that can also be applied to the completion of a trades or technical program is a goal identified in BC's Skills Training Plan," said Gordon Armour, Chair of education initiatives with the BC Mining HR Task Force. "The Dual Credit EMAP pilot program directly contributes to this goal."

The EMAP program is built on recognized environmental best practices and through input from the exploration, mining and natural resources industries.

Instructed by industry professionals, the EMAP program is enriched with field trips, mine tours, and plenty of guest speakers.

#### CUSTOMIZED

All NWCC School of Exploration & Mining programs can be customized to meet industry and community needs and can be delivered remotely, community based, or on one of NWCC's nine regional campuses.

"The WEST program offers hands-on experience, and the skills I learned were not only for work, they are life changing. I will never look at the outdoors the same." - Christian Dye **WEST** graduate



#### NWCC named Centre of Training **Excellence in Mining**

The BC government is committed to providing British Columbians access to education and training programs that deliver work skills for the natural resource industries. As part of this commitment the government announced in April 2013 the creation of a provincial Centre of Training Excellence in Mining (CTEM) at NWCC.

The Centre's key objectives are:

- 1. to support the province's mine training providers in meeting industry needs; and
- 2. to ensure students have access to targeted training that will provide them with strong, marketable skills for the mineral industry.

The Centre will provide a central point of contact dedicated to the development and sharing of skills and expertise supporting excellence in training for the mining sector of the province.

#### **SCHOOL OF EXPLORATION & MINING** PROGRAMS @ NWCC



#### **DRILL CORE TECHNICIAN BASIC TRAINING**

Smithers Campus

**ENVIRONMENTAL** 

**PROGRAM** (EMAP)

MONITOR ASSISTANT

March 10-14, 2014

Develop and apply the technical skills to observe, measure and record information from diamond drill core, while learning to safely handle core boxes, use core splitters, and core samples

Tailored to the needs of Northern BC, this innovative training program prepares students for entry-level fieldwork in the natural resource sector with a focus on environmental monitoring.

TAKE NOTE!

Programs and course dates and locations are subject to change.

> Contact NWCC SEM for current information.

sem.nwcc.bc.ca 1.877.277.2288 Ext 5837

#### INTRO TO METAL LEACHING AND ACID ROCK DRAINAGE (ML/ARD) FIELD SCHOOL

**Smithers Campus** 

August 25-29, 2014

September, 2014

A professional development course for individuals working in industry and government agencies, this course provides a practical understanding of metal leaching and acid rock drainage and the major environmental and reclamation challenges faced by the mining industry.

#### INTRO TO SILVICULTURE

Smithers Campus



May 12-16, 2014

This five day program provides students with basic field skills and knowledge to be employed as a Silverculture Surveyor. Students will learn to identify local trees and plants.

This nine week entry-level training program prepares students to be employed at operating mines that mill ore. Training is focused on the knowledge and skills to work safely and become a Mineral Processing Operator. Training components include safety certifications, mine safety, METSO software and computer based training on mill processing equipment, hands-on training at a mine site and a practicum. Program graduates will be job-ready for employment.

#### MINERAL PROCESSING **OPERATOR TRAINING PROGRAM**

Houston Campus



February 2014

MINING EXPLORATION FIELD ASSISTANT (MEFA)

July 2014

Taught in a remote outdoor tent camp, with a focus on exploration and mining, this handson field training provides transferrable skills for resource-based industries. Graduates are safety-conscious workers ready to meet the physical demands of entry-level employment in the natural resources sector.

Smithers Campus

# PROGRAMS @ NWCC



# PROSPECTING BASIC TRAINING

**Smithers Campus** 

May 30 - June 8, 2014

SURFACE DIAMOND DRILLER'S HELPER

Smithers Campus

April 2014

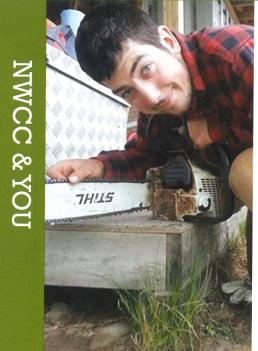
WORKFORCE EXPLORATION SKILLS TRAINING (WEST)

Summer, 2014

Taught over two weekends, this course provides the basics required to become a successful prospector and may also be of interest to amateur rock hounds, students and field students.

This program combines safety training with hands-on experience with an operating drill and diamond drilling equipment.

This is a six-week training program based in a remote bush camp. Students will gain the key skills get their feet in the door with the exploration and mining industry. This unique program includes many of the core SEM courses including MEFA and certificate training.



#### MARTIN GRUBER

Martin Gruber has always enjoyed spending time outside, which has led him on a bright career path.

In 2013, Martin left his hometown Winfield, BC to attend NWCC's six-week WEST program, one of NWCC's School of Exploration & Mining programs.

While immersed in the outdoor classroom, Martin gained practical experience and learned hands-on skills that apply directly to the exploration and mining industry.

"The instructors were helpful and friendly, and I learned a lot about cultures and the industry," says Martin.

"My goal was to finish the program and work," he continues, "but now I am studying at a technical institute to become a Mining & Mineral Exploration Technician."

Martin feels that what he learned at NWCC is really helping him understand his current course work better. He is able to apply his practical, hands-on experience to his technician program's theoretical component.

In the future it will also help him get a job.

"SEM's WEST program gave me employable skills and I made some really great connections," says Martin. "I am very grateful for what I learned through NWCC."

# TRADES FOUNDATION / APPRENCTICESHIP TRAINING

#### A NEW BUZZ

Thanks to new government funding, Northwest residents interested in starting a trades career now have more options close to home.

In October 2013, Advanced Education Minister, Amrik Virk, visited NWCC trades training facilities in Terrace. He joined NWCC president, Denise Henning, staff, students and industry representatives to report exciting news.

Virk announced \$1.8 million in one-time funding for 456 new students in trades training at 10 public post-secondary institutions. For NWCC, that meant funding for 26 new students in Electrical and Millwright Foundation training at NW-CC's Prince Rupert campus.

"Trades will continue to be a vital component of our economy now and even more so in the future," said Virk. "In addition to targeting specific trades, the funding also supports the trades discovery program that gives young people an insight into what can be an exciting

NWCC, an ITA designated trainer, offers trades training options at both the foundation and apprenticeship levels. All NWCC trades programs are designed to maximize theoretical and practical skills applications in a variety of industries and create opportunities for employment in secure, well-paid and rewarding trades careers.

Industries throughout BC and around the world offer increasing opportunities for strong career growth for trades professionals. Indicators suggest up to 700,000 new jobs will open up in the trades over the next 10 years, reflecting an increasing demand for skilled workers. This is especially true in the Northwest as the large numbers of major construction, energy, manufacturing and mining projects look to hire local skilled trades workers.

career and will put a paycheque in their back pocket."

Creating new seats at NWCC to study electrical or millwright foundations responds to industry's need for those specific trades. Work BC projects a need to fill one million jobs in BC by the year

"This funding allows us, along with our educational, industry and community partners, to bring job skills training directly to where it is needed, developing a valuable, skilled northern workforce that will help drive our economy," said Denise Henning, NWCC President and CEO.

"Our trades students are now learning on the most up to date training aids. This new technology exposes NWCC students to top of the line industry standard equipment."

- Brian Badge, NWCC Chair of Trades

#### LINNEA WAECHTER

Linnea Waechter knows studying a trade at NWCC is the first step in creating a lasting career. Currently training on a work site in Kitimat, she will return to NWCC in Terrace in October 2014 to complete her Electrical Apprenticeship Level 3.

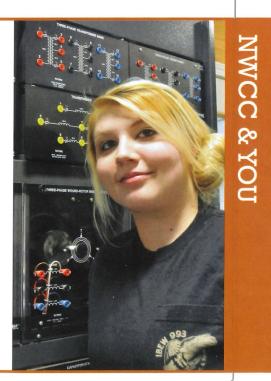
Becoming a skilled trades worker has challenged Linnea to break free from social phobias.

"Growing up I was afraid of everything, but now I am a 19 year old girl working in industrial construction, I can't be afraid of anything or anyone. And I'm not," she says. "My life's journey has not always been easy, but I have always believed school was how I was going to be successful in life."

An accomplished student, Linnea graduated high school with honours in both French and English and received a scholarship in French immersion. She placed second in the 2013 Regional Skills Canada electrical competition and went on to compete provincially.

Linnea believes studying a skilled trade is an excellent choice. "There is great satisfaction in creating or building something every day," she says.

"I'm attending NWCC to become a journeyman," she continues. "This way, I have an established career without needing to leave my hometown right away."



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#### TRADES TRAINING

# FOUNDATION TRADES PROGRAMS @ NWCC

valuable industry skills.

Foundation programs prepare students with entry-level skills required for employment in the trades. For more information about foundation programs in British Columbia visit the Industry Training Authority at **itabc.ca** 

Successful foundation trades students receive Level 1 technical credit and practical hours toward their apprenticeship. Total hours vary for each trades foundation program.

to approximately 15 hours on HEO simulators.

#### AUTOMOTIVE SERVICE TECHNICIAN —

FOUNDATION TRAINING

Terrace Campus

# CARPENTRY — FOUNDATION TRAINING

All campuses See website for current locations Carpentry Foundation students learn to read plans and use instruments, assemble and erect forms for concrete, wood and metal frame construction, and install interior and exterior finishing for residential, commercial and industrial projects. Learners develop carpentry skills while working on practical projects, such as constructing a foundation and frame for a house.

The Electrical Foundation program prepares students for entry-level positions as electrical

apprentices with contracting companies involved in residential, commercial and industrial

construction and maintenance. Students learn to access and utilize resource materials, follow procedures and make sound decisions while installing and maintaining electrical equipment.

The Automotive Service Technician Foundation Training gives students the technical skills

and knowledge to repair, adjust and replace mechanical parts in automobiles and light trucks.

The full-time, 30-week program covers all the theory and practical components necessary

for the first-year Automotive Service Technician Certificate, and provides a complement of

# **ELECTRICAL** — FOUNDATION TRAINING

Terrace & Prince Rupert campuses

Heavy Equipment Operator Foundation students are prepared for entry into the Heavy Equipment Operator Technician Apprenticeship program. In this 4-week program, students learn correct industry terminology, how to identify and classify machines and processes, and general engineering principles related to road building and heavy construction, in addition

# **OPERATOR** — FOUNDATION TRAINING

**HEAVY EQUIPMENT** 

Terrace Campus

HEAVY DUTY EQUIPMENT TECHNICIAN /COMMERCIAL TRANSPORT — FOUNDATION TRAINING

Terrace Campus

Heavy Duty Equipment Technician/Commercial Transport Foundation students are equipped with the skill and knowledge to troubleshoot, repair and maintain all aspects of mobile equipment. Thorough knowledge of electronics, hydraulics and mechanical components is necessary to be a qualified Heavy Duty Equipment/Commercial Transport Technician. This is a 36-week program.

# MILLWRIGHT/INDUSTRIAL MECHANIC —

**FOUNDATION TRAINING** 

Kitimat & Prince Rupert campuses

Millwright/Industrial Mechanic Foundation students learn the entry-level skills required for employment in the trade. The curriculum provides a solid foundation for career advancement and specialization in this field and is equivalent to the first level apprenticeship\technical training. Qualified industrial mechanics install, maintain and repair machinery and heavy mechanical equipment. They read diagrams and schematic drawings to determine work procedures, comprehend and troubleshoot mechanical systems, perform preventative and operational maintenance, and repair or replace parts.

# **WELDER** — FOUNDATION TRAINING

Prince Rupert & Terrace campuses

This 28 week pre-apprenticeship program provides training for candidates interested in pursuing employment in the welding profession without an employer sponsor. Candidates in the Welder foundations program will learn how to work safely and effectively in industry and perform a variety of welding processes and procedures. Individuals completing this program will be better prepared to find an employer sponsor and secure an apprenticeship.

#### TRADES TRAINING

## **APPRENTICESHIP** TRADES PROGRAMS @ NWCC

Indentured apprentices combine on-the-job training with formal classroom technical skills at NWCC to earn journeyperson classification. Students receive provincial apprenticeship curriculum pertinent to the apprenticeship level in which they are enrolled. Apprenticeship sponsors can include industry, training institutions, village governments and band councils and unions. To be eligible for apprenticeship training, you must be registered as an apprentice with the Industry Training Authority (ITA). Registration can be completed at **itabc.ca** 

# AUTOMOTIVE SERVICE TECHNICIAN —

APPRENTICESHIP · LEVEL 2-4

Terrace Campus

Automotive Service Technicians repair, adjust and replace mechanical and electrical parts in automobiles and light trucks. They repair damaged components and perform preventative maintenance, inspect completed work and test that the vehicle's performance meets required standards. Technicians must communicate effectively with customers to explain service needs, provide advice on general vehicle conditions and future repair requirements. Upon successful completion of all four apprenticeship levels and appropriate time in the trade, the student may be eligible to write the Inter-provincial exam in Automotive Service Technician.

# CARPENTRY — APPRENTICESHIP · LEVEL 1-4

Terrace Campus

Carpenters assemble and erect forms for concrete, wood and metal construction framing, and install interior and exterior finishing materials. An indentured carpentry apprentice combines on-the-job training with formal classroom technical skills at NWCC to earn journeyperson classification. Apprentices complete a four-year, four-level program that includes 6,480 workplace and 720 school training hours. Each year, NWCC offers four levels of Carpentry apprenticeship technical training. Each level of technical training is six weeks long.

# ELECTRICAL — APPRENTICESHIP · LEVEL 1-4

Terrace Campus

Electrical work requires skill and knowledge to install, construct, alter, repair, maintain, commission, test, service, calibrate, and operate related electrical and electronic systems in any premise, place, building or structure. Electricians ensure that all electrical connections are safe and meet the electrical code. Indentured apprentices combine on-the-job training with formal classroom technical skills at NWCC to earn journeyperson classification. Level 1-4 apprenticeship technical training is offered concurrently, with 10 weeks of instruction per level. Upon successful completion of all four levels and appropriate time in the trade, the student may be eligible to write the Inter-provincial exam in Electrical.



#### www.tradelinks.ca

The provincial and federal governments have created a website specifically for the trades. Whether you are just embarking on your program or in your final year, you will need the right tools to help you look for a job, or start a business in the trades. At www.tradelinks.ca you can find links to information and web sites that will help you join the ranks of professional tradespersons.

#### TRADES TRAINING — APPRENTICESHIP PROGRAMS continued

**HEAVY DUTY EQUIPMENT** TECHNICIAN —

APPRENTICESHIP · LEVEL 1

Terrace Campus

Heavy Equipment Operator Technician program students log operator time on four pieces of heavy equipment: excavator, articulated rock truck, dozer and loader. These machines are used universally in construction, earth moving, road building, mining and

forestry operations. To qualify for the program, students must first complete the Road

Coming in 2015 Spring! The Heavy Duty Equipment Technician – Level 1 program pro-

vides apprentices with technical training needed to troubleshoot, overhaul, repair and

maintain off-road mobile equipment. Apprentices learn to identify and repair problems

**HEAVY EQUIPMENT OPERATOR TECHNICIAN** — **APPRENTICESHIP** 

Terrace Campus

PROFESSIONAL COOK

**WELDER APPRENTICESHIP** 

LEVEL 1, 2, 3 **Optional: SPECIALTY METALS ENDORSEMENT** 

Prince Rupert Campus Terrace Campus

See Cooking & Culinary Arts pages 28 and 29.

Builder Heavy Construction Foundation program.

in structural, mechanical or hydraulic systems.

NWCC offers the ITA accredited BC Welder Training Program designed to provide learners with the skills required to function as safe, competent entry-level welders. The Welder apprenticeship program provides an employer with the option of offering an apprenticeship to an existing employee, a new employee, or to an individual that has completed the welder foundation program. Indentured apprentices are able to enroll in welder apprentice levels 1, 2, or 3 each offered over 8 weeks. Also offered is a 5 week specialties metals endorsement (optional) in low alloy and stainless steal welding.



#### itabc.ca

Visit the Industry Training Authority (ITA) website for tons of info about different trades, training options, opportunities for free tuition and more on why a career in trades is a great choice.

#### Did you know?\*

- O Carpenters have been identified as one of the top occupations in demand in Northwest BC over the next decade.
- O The value of all industrial building permits in BC were up 180.6 per cent in 2012 compared to 2011.
- OThe value of industrial building permits in the Kitimat-Stikine region were up by 1,975.4 per cent.

\*Sources: Regional Skills Training Plan 2013-2018 and Statistics Canada

#### PROGRAMS UNDER CONSTRUCTION

- **O** Utility Arborist
- Hairdressing
- O Plumbing
- Opriller/Blaster

Contact the NWCC department for more info!

# WORKFORCE TRAINING & CONTINUING STUDIES



#### **Contract Training**

We will customize education and training to your needs. Whether your organization requires a one-day workshop for a new software upgrade or an in-depth program of ongoing training and instruction, WTCS contract training offers educational expertise and flexible training solutions to meet all of your unique business and industry needs.

If you're looking to learn a new skill, discover a new hobby, advance in your career or start a new one - NWCC's Workforce Training & Continuing Studies (WTCS) offers a wide range of courses, certificates, and lecture series to meet your needs.

#### Online Training

#### **COURSES**

Choose from thousands of web-based courses and a broad range of certificates, each with its own expert instructor. Online courses are informative, fun, convenient, with direct contact with the instructor and other students. Courses are based on creating projects and include lessons, quizzes, hands-on assignments, discussion areas and supplementary links. Visit ed2go.com/nwcc

#### **CAREER PROGRAMS**

NWCC offers online open-enrollment career programs designed by industry experts to help students acquire professional-level skills for many occupations. Instructors are actively involved in your online learning, are available for questions or concerns, and support. Visit gatlineducation.com/nwcc

#### Mobile Training

#### CAN'T GET TO US? WE'LL COME TO YOU

NWCC's mobile safety training van is fully equipped to deliver **health**, **safety**. first aid, workforce and industry training courses such as occupational first aid level 1, transportation endorsement, WHMIS, bear awareness and transportation of dangerous goods.

Mobile training units make it possible for NWCC to bring training solutions directly to students and workers in their home communities and on job sites, eliminating costly travel expenses. WTCS mobile training units come to you, bringing fully-equipped classrooms and labs where and when you need

#### NWCC's WTCS department is a training agency for

- BC Safety Network (Traffic Control Flagging)
- Danatec (Transportation of Dangerous Goods)
- Enform (H2S Alive)
- Go2 (Serving It Right)
- ICBC (Airbrakes Endorsement, Driver Training)
- IVES (Forklift Certification)
- Ministry of Health (FoodSafe)

- Ministry of Tourism, Trade & Investment (WorldHost)
- Red Cross (Babysitter training, CPR Level 'C', Childcare First Aid & CPR, Marine Basic First Aid, Oxygen Therapy, Standard First Aid, Wilderness and Remote First Aid & CPR)
- Transport Canada (Marine Training)
- WorkSafeBC (WorkSafe Safety Modules, WHMIS, Occupational First Aid)





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# WORKFORCE TRAINING & CONTINUING STUDIES PROGRAMS FEATURED WTCS PROGRAMS @ NWCC





For a complete list of Workforce Training & Continuing Studies programs please visit nwcc.ca

COMPREHENSIVE CLASS 1
DRIVER TRAINING

This program prepares students to become Class 1 Professional drivers in the trucking industry. It consists of 22 hours airbrake endorsement training; 20 hours of hands-on training in regular maintenance, safety procedures and pre-trip inspection on truck and tractor; and 56 hours of behind-thewheel driver training.

CONSTRUCTION TRADES HELPER & LABOURER PROGRAM This eight-week program provides job skills and workplace training needed for entry-level employment in the construction industry. The program is delivered in hands-on and theoretical modules such as; safety certificates, basics of construction, operation of tools, backfill and compaction, basics of concrete, ladders and scaffolding, and working safely around electricity.

**ESSENTIAL OFFICE SKILLS** 

This 10 week program will provide students with the essential skills for entry level office careers. Participants will learn essential skills in customer service, communication, business writing, time management, office environment, accounting and computer skills.



#### **BRITTANY MACDOUGALL**

Brittany MacDougall moved to Terrace in her final high school year. She now chooses NWCC because it's local, and it allows her to really consider a career in trades.

Enrolled in NWCC's Introduction to Trades for Women, Brittany wants to experience as many different trades as possible. The program offers a supportive learning environment that allows women to explore non-traditional careers in the skilled trades.

"My favourite aspect about my program is that it is for women," says Brittany. "We are a team, exploring our futures and finding our place in this workforce too."

Brittany is a past participant in Canada World Youth, a program that offers world-renowned volunteer programs to youth. Her participation in these community-driven development projects, played a large role in her social, academic and volunteer development.

"It was very educational and a great accomplishment," says Brittany.

She's happy at NWCC and looks forward to getting involved with the Student's Union.

**APPLICATION FOR ADMISSION** 

for the program of your choice.

Check **NWCC.Ca** for current application and document requirements



1.877.277.2288

nwcc.ca

VALID ADDITION THE DE DEL 1971								
YOUR APPLICATION WILL BE DELAYED UNTIL ALL REQUIRED DOCUME			NWCC Student Number (if known):			nown):		
Have you previously registered in a course or p	orogram at NV	VCC? Yes	No					
Last name:		First name:			Middle name:	iiddle name:		
Birthname or other surname(s) if different from above:			Email address:					
Permanent address (mail will be sent to this address):			Local address (while attending NWCC):					
City:	Province:	Postal code:	City	:		Province:	Postal code:	
Home telephone #:	Business tele	ephone #:	Cell #: 01		Other telephone	ther telephone #:		
Social Insurance Number:			Date of birth:  YEAR MONTH DAY			Y	Female Male	
BC Personal Education # if known:			Canadian Citizen  Landed immigrant  Immigration papers must be attached if applicant is not a Canadian Citizen					
ITA Trade Worker ID # (TWID) if applicable:			Other Please indicate:					
			Country of primary citizenship:					
Program for which you are applying:			Optional statistical information Do you identify yourself as an Aboriginal person?  Yes  No					
Preferred campus location:			If yes, select one or more: First Nations Métis Inuit					
			Voluntary disclosure disability/medical condition?   Yes   NWCC will provide you with information about receiving supports/services					
			EMERGENCY CONTACT NAME:					
Full-time Date you would like to start:	YEAI	R MONTH	( Telep	) phone (include area or cour	ntry code)		elationship	
Where do you currently get your informati	on about No	rthwest Community (	College	e? (Check top 3 sources.)				
At your high school [s1]		Social media						
Local media: newspaper, radio [s2] NWCC websit								
From your parent/guardian [s4]	First Nations Advisor Disabilities Co				or, Disabilities Coordinat			
EDUCATIONAL INFORMATION Secondary Submit a sealed Official Tra	nscript from	your high school. Stu	dents	who are currently attend				
Last secondary school	School	district		Province (or country)	Date last at	tended	Last grade completed	
						Þ		
Previous Post-secondary Submits	ealed Officia	l Transcipt(s) from pos	st-secc	ondary institution(s).				
Institution(s)	Locati	on		Program			Last date(s) attended	

#### NORTHWEST COMMUNITY COLLEGE

#### **APPLICATION FOR ADMISSION**

DATE:

#### **GENERAL INFORMATION**

Contact your local college campus for information about services for housing, child care or students with disabilities.

#### DECLARATION

SIGNED:

- 1. The information in this application is, to the best of my knowledge, complete and correct.
- 2. I agree to follow the rules and regulations of the College as listed on the Northwest Community College website or as amended by the College Board.
- 3. I understand that personal information from this application will be used to verify my Personal Education Number (PEN) or one will be assigned to me for the purpose of research and evaluation. Any information released will be in a non-identifiable form.
- 4. I understand that both the information provided and any other information placed on my student record will be protected and used in compliance with *Bill 50 Freedom of Information and Protection of Privacy Act (1992)* and the operations of the College.
- 5. I understand the College may announce the names of students and use their image or likeness, written or spoken words and art works in NWCC promotions and communications. Students with privacy concerns are urged to advise campus staff at the earliest possible time and when cameras are being used.

Information collected and maintained as part of my student record is collected under the authority of the Colleges and Institutions Act.

Admissions Office Northwest Community College 5331 McConnell Avenue Terrace, BC V8G 4X2						
Toll Free: 1.877.277	7.2288 nwcc.ca					
Hazelton	4815 Swannell Drive, P.O. Box 338, Hazelton, BC V0J 1Y0	Tel: 250.842.5291	Fax: 250.842.581			
Houston	3221 – 14th Street, West, P.O. Box 1277, Houston, BC V0J 1Z0	Tel: 250.845.7266	Fax: 250.845.562			
<u>K</u> ay Llnagaay	#2 Second Beach Road, P.O. Box 1523, Skidegate, BC V0T 1S1	Tel: 250.559.7885	Fax: 250.559.478			
Kitimat	606 Mountainview Square, Kitimat, BC V8C 2N2	Tel: 250.632.4766	Fax: 250.632.506			
Queen Charlotte	138 Bay Street, P.O. Box 67, Village of Queen Charlotte, BC VOT 1S0	Tel: 250.559.8222	Fax: 250.559.821			
Prince Rupert	353 Fifth Street, Prince Rupert, BC V8J 3L6	Tel: 250.624.6054	Fax: 250.624.392			
Masset	2151 Tahayghen Drive, P.O. Box 559, Masset, BC V0T 1M0	Tel: 250.626.3670	Fax: 250.626.368			
Smithers	3966 2nd Avenue, P.O. Box 3606, Smithers, BC VOJ 2N0	Tel: 250.847.4461	Fax: 250.847.456			
Terrace	5331 McConnell Avenue, Terrace, BC V8G 4X2	Tel: 250.635.6511	Fax: 250.638.543			
For Office Use Onl	у					
Operator		Date	,			

NWCC GUIDE 14.001

Check **NWCC.Ca** for current application and document requirements for the program of your choice.

YOUR APPLICATION WILL NOT BE PROCESSED UNTIL ALL REQUIRED DOCUMENTS ARE RECEIVED.

1.877.277.2288

nwcc.ca

ORTHWEST COMMUNITY COLLEGE

# KNOW YOUR RIGHTS — AND YOUR RESPONSIBILITIES

Northwest Community College respects and upholds all students' rights and provides a fair, respectful environment that protects everyone's safety, security and integrity.

#### **STUDENT RIGHTS**

-

- Each student has the right to participate in all areas and activities of NWCC, free from any form of discrimination, including harassment, based on race, color, national or ethnic origin, religion, sex, sexual orientation, age, or mental or physical disability.
- Each student has the right to participate in a free exchange of ideas, freedom of speech, expression, petition and peaceful assembly.
- Each student has the right to the protection of his/her confidential personal information and privacy, except as otherwise required by law.
- Each student subject to disciplinary action arising from violations of NWCC Student Code of Conduct is assured of a fundamentally fair process.

#### STUDENT RESPONSIBILITIES

- Each student has the responsibility to respect the rights, opinions, thoughts, and property of the NWCC community. This includes all other NWCC students, faculty, staff, guests, administrators and physical property.
- Each student has the responsibility to be fully acquainted with the Student Code of Conduct policy and to comply with the policy, as well as all federal, provincial, and local laws.
- Each student has the responsibility to behave in a manner that supports the NWCC learning environment and recognizes NWCC's obligation to provide a safe and secure environment for everyone.

The NWCC Guide is not intended to be a complete statement of all procedures, policies, rules and regulations at Northwest Community College.

The College reserves the right to change or cancel any provision or requirement at any time. The College does not accept responsibility for the cancellation or discontinuation of any program, course or class of instruction that may be necessary as a result of an act of God, fire, labour issues, lack of funds or other similar causes.

All course/program information including content, cost, length, prerequisites, start/end dates, postponements and/or cancellation is subject to change without notice.

Educational advisors and student services personnel may assist in planning programs, but the final responsibility for meeting the requirements for program completion rests with each student.

The College endeavours to provide students with the most current and accurate educational advice available; however, because of the dynamic and complex nature of post-secondary education in BC, it is the responsibility of all students who are seeking transfer to other institutions to always verify the advice we offer them with the receiving institution.

Information contained in this guide is subject to change and revision. While every effort is made to ensure that the content remains valid for the period covered, the reader should recognize that changes may occur. The College website is the official calendar and should be referred to for the most up-to-date information.



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responsible sources
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## Contact us

Toll free: 1.877.277.2288 Email: info@nwcc.bc.ca

nwcc.ca

#### **Campus Contact Info**

NWCC campuses are centrally located. Easy-to-follow directions are available for each of our campuses on Google Maps.

#### Hazelton

4815 Swannell Drive P.O. Box 338 Hazelton, BC V0J 1Y0 Tel: 250.842.5291

#### Houston

3221 – 14th Street, West P.O. Box 1277 Houston, BC V0J 1Z0 Tel: 250.845.7266

#### **Kay Linagaay**

#2 Second Beach Road P.O. Box 1523 Skidegate, BC V0T 1S1 Tel: 250.559.7885

#### **Kitimat**

606 Mountainview Square Kitimat, BC V8C 2N2 Tel: 250.632.4766

#### Masset

2151 Tahayghen Drive P.O. Box 559 Masset, BC VOT 1M0 Tel: 250.626.3670

#### **Prince Rupert**

353 Fifth Street Prince Rupert, BC V8J 3L6 Tel: 250.624.6054

#### **Queen Charlotte**

138 Bay Street P.O. Box 67 Village of Queen Charlotte, BC **VOT 150** Tel: 250.559.8222

#### **Smithers**

3966 2nd Avenue P.O. Box 3606 Smithers, BC V0J 2N0 Tel: 250.847.4461

#### Terrace

5331 McConnell Avenue Terrace, BC V8G 4X2 Tel: 250.635.6511















