

LEARN
DO
SUCCEED





Viewbook 2012/2013





WELCOME TO NAIT

NAIT's motto, To Learn...To Do...To Succeed, tells the NAIT story in the briefest possible way. We invite you to browse through this Viewbook to get the bigger picture. **Meet our students, explore our programs and discover our biggest advantage – practical, relevant education geared to success in the real world.**

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CONNECT

Making connections - isn't that what you expect from post-secondary education? Connections to valuable learning and opportunity. Connections to memorable experiences and people.



HELPING HANDS

Top, students in Animal Health Technology assist Dr. Jocelyn Forseille (in lab coat) in the canine blood donor clinic on campus, the only animal blood bank in Alberta. Blood samples taken here help dogs under veterinary care across Canada. Dr. Forseille was recognized by the Alberta Veterinary Medical Association as the 2010 Veterinarian of the Year for her work in starting the blood bank and other volunteer projects.



CHECK IT OUT

www.nait.ca/bloodbank

Learn more about the animal blood bank.



WELCOME TO NAIT, WHERE MAKING CONNECTIONS IS WHAT WE DO BEST.

We have a 50-year history of preparing graduates with the skills to succeed. That reputation is built on our close ties with business and industry, our links to the latest technology and our insider knowledge of what employers are looking for.

You'll discover exciting career opportunities here, and connect with instructors who will care about your progress. At the same time, you'll make new friends and enjoy the kinds of experiences that become lasting memories.

STEPHANIE BARSBY CBC Edmonton Meteorologist

Radio & Television,
Class of 2000

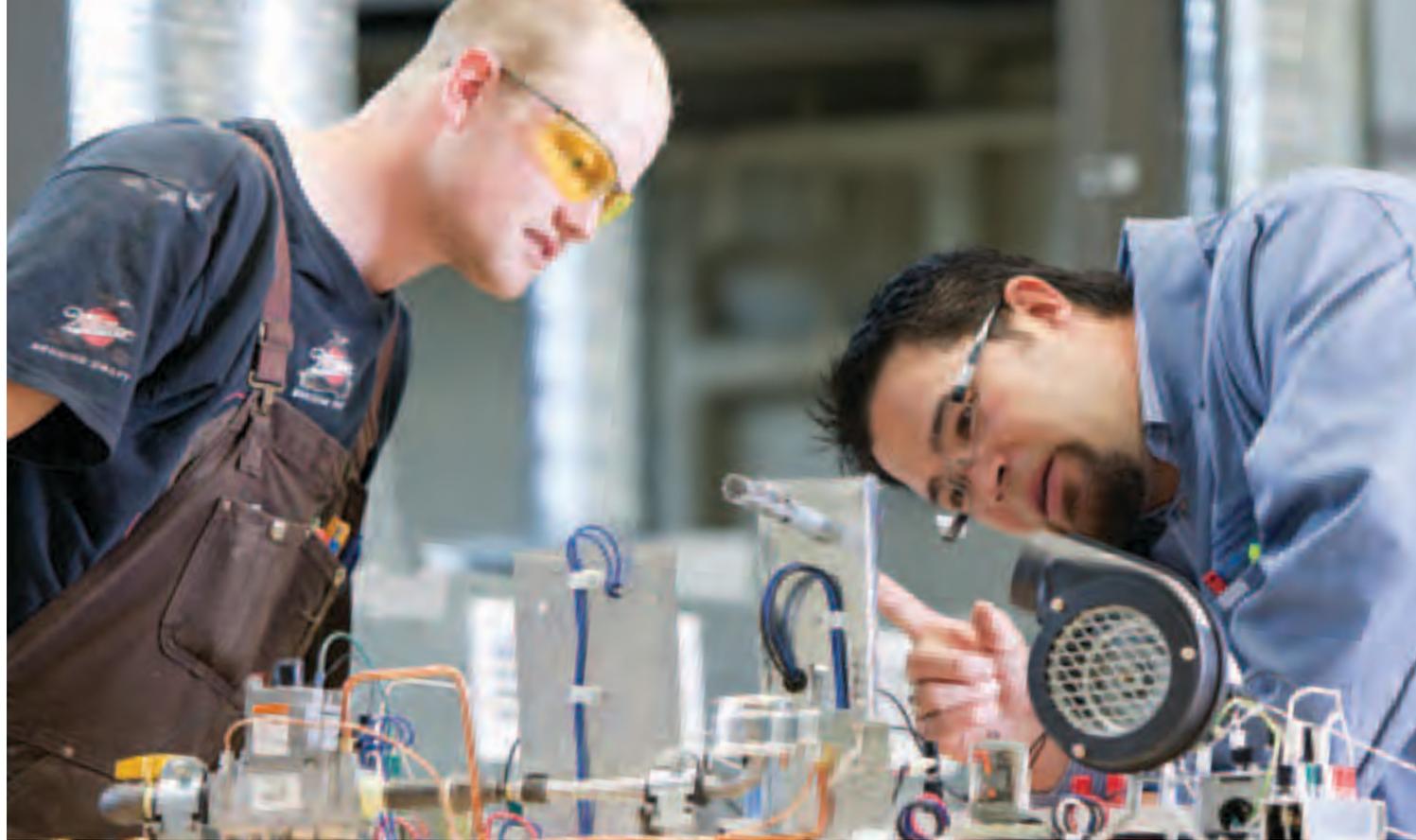
Bottom, CBC Edmonton meteorologist Stephanie Barsby is one of several well-known radio and television personalities to get their start at NAIT. A lengthy field placement at the end of the program gives each student valuable industry experience and connections.

A photograph of two female students in a laboratory setting. They are wearing white lab coats and clear safety goggles. The student in the foreground is holding a small, clear plastic container with a dark substance inside. The student in the background is also looking at the container. The background is slightly blurred, showing a typical lab environment.

FOCUS

Zero in on education with direction. Focused, relevant education that can take you where you want to go.

That's what you'll find at NAIT.



SKILLS REWARDED

Top, Refrigeration and Air Conditioning Mechanic apprentice Sean Donnan (in yellow safety glasses) won gold at the 2010 Canadian Skills Competition, a national event testing trades and technology skills. His gold medal earned him \$10,000 in scholarship money and a trip to World Skills 2011 in London, England. Sean is shown here with instructor Todd Matsuba.

PHILIP COLCLOUGH

Instructor, Power Engineering Technology

Instructional Excellence Award recipient, 2011

Bottom, students in Mr. Colclough's classes study high-tech theoretical material related to thermodynamics and learn to apply that knowledge in the field. "The work is very challenging," says Colclough. "It has to be real, and even the strong students struggle at points. But I tell them - and I honestly believe it - that they all can do it. My job is to cultivate an environment where it's that much easier."

FOCUS MEANS LEARNING IN CLASSROOMS AND LABS COMPLETE WITH THE TECHNOLOGY AND EQUIPMENT CURRENTLY USED ON THE JOB.

Curriculum that's in tune with the knowledge and skills employers expect, and instructors who have first-hand experience in the fields they're teaching.

Focused learning gets you involved, with case studies, simulations, applied research assignments, built-in practicum components and many other ways that prepare you for the challenges ahead.

The result? In-depth knowledge complemented by hands-on skills - a valuable combination that provides a head start in building a strong future.





ENERGIZE

Making friends and great memories comes naturally here. **Have fun...get active...feel the energy!**





WHAT THE HECK'S AN OOK?

Opposite page, Ook is short for Ookpik, the Inuktitut word for snowy owl. A fierce and powerful bird, the snowy owl is well adapted for life in the Canadian north, making it the perfect mascot for NAIT's athletic teams.



CHECK IT OUT

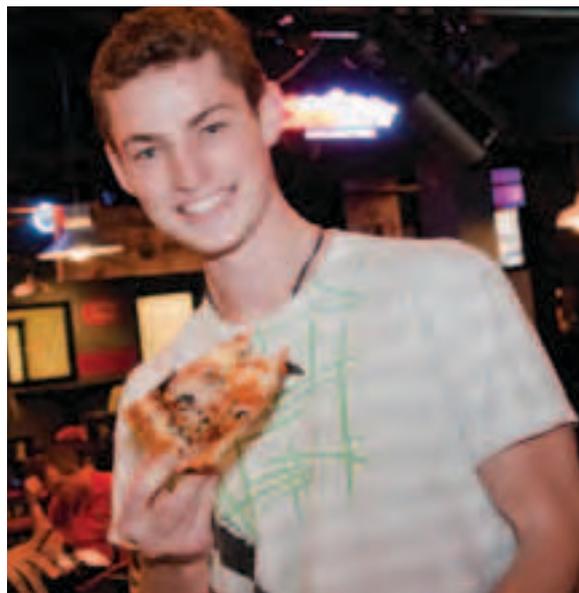
www.nait.ca/athletics

Get the latest Ooks info.

FRIENDLY COMPETITION

Top, a street hockey tournament is one of several events that launches the school year in true NAIT style.

Bottom, first-year business student Antony Cuelenaere enjoys the rewards of a United Way challenge. His instructor pitted four business classes against each other to sell as many United Way 50/50 tickets as they could. Antony out-sold every other student, helping to win a pizza party for his class.



AS A NAIT STUDENT, YOU'LL GET TO KNOW YOUR CLASSMATES QUICKLY AND DISCOVER LOTS OF WAYS TO HAVE FUN TOGETHER.

Kick it off at the Gear Up welcome party, and keep it going with free movie and comedy nights, street hockey tournaments and pizza in The Nest, our friendly campus pub.

Try out for the Ooks – or cheer on our winning teams in hockey, basketball, volleyball, soccer, curling, golf, badminton and cross-country running.

And while it's true that NAIT students know how to have a good time, they're also known for enthusiastic community involvement. From swinging a hammer with Habitat for Humanity to cooking Thanksgiving dinner in the inner city, student spirit shines at NAIT.



SMILE

When you choose NAIT you can breathe easy, knowing you're going to get real value and the kind of services that count.



THAT'S VALUE

Top, Digital Media and IT students shoot a video with advice from their instructor. Such personal attention is part of the NAIT advantage.



CHECK IT OUT

www.nait.ca/programs/dmit

See the video created by these students and their classmates.

CHRISTOPHER ROY

Desktop Support,
Stream-Flo Industries Ltd.

Computer Engineering
Technology, Class of 2009

Bottom, Christopher was hired by Stream-Flo immediately after he completed his co-op diploma. "Things have been going really well. I've even been able to travel with Stream-Flo, which I think is just amazing. Without co-op, I wouldn't be where I am today, which is somewhere pretty cool."



RELAX - YOU WON'T GET LOST IN THE CROWD HERE.

In small classes of just 25 or 30 students, instructors will get to know your name and be able to give you the kind of attention that makes all the difference. Boost your confidence in a supportive environment that includes free tutorial centres, study-skills workshops, career fairs and leading-edge facilities like the computer commons, open around the clock.

Another pleasant surprise - it's affordable. NAIT has the lowest average tuition of all urban post-secondary institutions in Alberta and one of the lowest in Canada.



BUSINESS + ADMINISTRATION



STRATEGIES FOR SUCCESS

Above, business students Loryn Marcellus, Olivia McGhan and Hussein Alibhai placed first in the 2011 Alberta Deans of Business Case Competition, ahead of teams from 11 other colleges and universities. Teams were given a real-world business scenario – in their case, a question about WestJet expansion – and had just eight hours to prepare a strategy that they must then present to a panel of industry executives, including a WestJet VP. “The competition taught me many things,” says Olivia, “but most of all, the value of teamwork.”

DEGREE PROGRAMS

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$1,800 - \$2,250 PER YEAR.



Business and IT are intricately linked in today's complex work environment. The BBA degree ensures that students are equipped with the skills they need to succeed, providing both in-depth business knowledge and the practical skills to put that knowledge to use on the job.

Hands-on expertise with leading software applications and business processes sets BBA grads apart. The degree focuses on experiential learning, including the use of simulations, interactive case studies and applied research assignments. Critical thinking, communication and teamwork skills are also key learning objectives.

Students can customize their program by choosing from a range of disciplines, including accounting, finance, management, human resource management and marketing.

Students earn a business diploma after the first two years, and attain the BBA after an additional two years. There are multiple entry points throughout the program for new and transfer students, diploma grads and international students. Full-time studies begin in September or January; part-time and online courses can also be started in spring or summer.

BBA graduates possess the entrance requirements for a range of post-degree programs in business, law and the social sciences. Many BBA courses are accepted as prerequisites or exemptions in professional accounting, finance, management, marketing and human resource management designation programs, including the CA, CMA, CGA, CFP, CSC, C.I.M. and CHRP.

www.nait.ca/programs/bba

BACHELOR OF APPLIED BUSINESS ADMINISTRATION - ACCOUNTING

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$1,300 - \$1,700 PER YEAR.



This applied degree develops a combination of advanced accounting expertise and management skills. The course of study includes two academic terms and two directed field study (DFS) terms in industry. DFS courses link academic work with workplace experiences.

Students challenge professional accounting designation exams, completing the majority of the technical content for accreditation as a designated accountant.

Incoming students will have first completed a two-year Accounting diploma from an accredited post-secondary institution.

www.nait.ca/programs/ada

BACHELOR OF APPLIED BUSINESS ADMINISTRATION - FINANCE

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$2,800 YEAR 1, \$200 YEAR 2.



This applied degree develops a combination of advanced financial expertise and management skills for careers in the financial services field. Students begin with two consecutive academic terms, which include courses in financial planning, the Canadian Securities Course, business ethics and society, critical reading and writing, e-commerce and more. Two work experience terms, called Directed Field Studies (DFS), follow. DFS terms are taken via distance education while the student is employed and link academic knowledge with practical employment experience via research papers, critiques and case studies.

Applicants must previously have earned a two-year business diploma to enter this program. Please consult the program website for details on entry requirements.

www.nait.ca/programs/bbf

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance

- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
- Winter

CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



BUSINESS ADMINISTRATION DIPLOMA PROGRAMS

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,500 - \$2,000 PER YEAR.



BBA **ADA** **BBF**

WALL STREET NORTH

Second-year Finance students play the stock market with \$500,000 in virtual funds, trying to earn more money than their classmates. Their assignment: make a minimum of 50 trades over 10 weeks in a simulation lab that provides access to markets around the world, virtually in real-time.

Programs offered within Business Administration (Accounting, Finance, Marketing, Management and Human Resource Management) prepare students for careers in various aspects of today's business environment. All five programs use a common first-year course package. After successful completion of Year 1, students continue towards a diploma in one of the five program streams below.

BUSINESS ADMINISTRATION - ACCOUNTING

Students gain a solid working knowledge of accounting and information systems, and learn to use quantitative analysis techniques to derive meaning from financial data. Studies include financial accounting, management accounting, corporate finance and taxation.

Many grads continue their education in the BBA degree or Bachelor of Applied Business Administration - Accounting applied degree program; others start careers in a wide range of government, industry and business environments.

www.nait.ca/programs/acc

BUSINESS ADMINISTRATION - FINANCE

Practical and hands-on, our accredited Finance program focuses on financial planning, investing, wealth building, money and credit, plus ethical and social responsibility.

Graduates pursue careers in a broad range of financial enterprises, providing personalized service to their clients. The Finance diploma is an excellent point of entry into the BBA degree or the Bachelor of Applied Business Administration - Finance.

www.nait.ca/programs/fin

BUSINESS ADMINISTRATION - HUMAN RESOURCE MANAGEMENT

This diploma provides students with the knowledge, skills and abilities to create value in organizations by applying human resource strategies, practices and techniques. Through a combination of classroom teaching, case studies, simulations and seminars, students develop an understanding of modern business dynamics and learn to work well within culturally diverse organizations. The diploma provides an excellent transition to the BBA degree.

www.nait.ca/programs/hrm

BUSINESS ADMINISTRATION - MANAGEMENT

Develop an understanding of business dynamics and organizational culture, and gain the knowledge needed to make effective decisions in a competitive business environment. This program provides practical skills to entrepreneurial individuals aspiring to start their own business, purchase an existing business, or take over a family business. Grads may choose to use their diploma as a stepping stone to a BBA degree.

www.nait.ca/programs/man

BUSINESS ADMINISTRATION - MARKETING

With a focus on advertising and public relations, business enterprise, marketing technology and professional sales approaches, the Marketing program provides graduates with career flexibility in a wide range of fields. Grads apply marketing concepts to create, communicate and deliver value for consumers, and drive sustainable growth in their respective organizations. The Marketing diploma is a natural step towards a BBA degree.

www.nait.ca/programs/mar

APPLIED BANKING AND BUSINESS

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,250.



Students train for entry-level banking and financial positions, using NAIT's computerized lab setting. They learn to be accurate and provide professional customer service, while studying core business curriculum. A 100-hour work placement at a financial institution completes the training.

www.nait.ca/programs/abb

CAPTIONING AND COURT REPORTING

TUITION (2010/11) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,100 PER YEAR.



Using electronic shorthand machines and sophisticated computer technology, students learn to translate the spoken word simultaneously to the printed word – at speeds of 225 words per minute and higher. Such skills are crucial for broadcast captioning of live television programming, producing verbatim transcripts of official court proceedings and other quasi-judicial hearings, and providing communication access for individuals with hearing loss in a wide variety of settings including classrooms and business conferences.

Graduates work across Canada and around the world. This is the only program in western Canada accredited by the National Court Reporters Association (USA).

www.nait.ca/programs/cor

ALEXANDRIA MAH

Business Administration – Accounting,
Class of 2009,
Current BBA student

Alexandria is pursuing her BBA degree while working full time as an auditor with the Canada Revenue Agency and playing elite-level soccer as a member of the NAIT Oaks team. The flexibility of part-time evening and online courses gives her the balance she needs in her busy schedule.



CHECK IT OUT

www.nait.ca/alex

Watch Alex's video to find out why she chose NAIT's BBA.



LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance
- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
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CREDENTIAL

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INTERNATIONAL AVAILABILITY

- Open to International Students



HOSPITALITY + CULINARY



HOKANSON CHEF IN RESIDENCE

Above, master chef, restaurant owner and international media sensation Susur Lee shared his expertise with Culinary Arts students in 2011 as part of the Hokanson Chef in Residence program. The innovative program brings culinary authorities from around the world to NAIT to mentor and interact with students and faculty.



CHECK IT OUT

www.nait.ca/chefinresidence

Learn about the Chef in Residence program and the culinary stars NAIT has hosted.



INTERNATIONAL FLAVOUR

Top culinary students can widen their horizons during a month-long exchange program to destinations like the Philippines, Italy and Austria. Students roll up their sleeves at the host country's culinary arts school, enjoy cultural excursions and are billeted with local families to get the full international experience.



CHECK IT OUT

www.nait.ca/studentexchange

BAKING

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,040.



This certificate focuses on the art and science of bread, cake and pastry making as well as the many aspects of cake decorating. Using NAIT's fully equipped bakery training lab, students learn to safely operate and maintain the kinds of equipment used in a variety of bakery operations. The curriculum also covers business procedures, food sanitation, nutrition, communications and trade calculations, and concludes with a four-week work experience placement.

Graduates are employed at a variety of bakery-related operations, which may include in-store and retail bakeries, industrial manufacturers and specialty shops.

www.nait.ca/programs/bak

CULINARY ARTS

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,100 - 2,060 PER YEAR.



Students in NAIT's renowned Culinary Arts program are introduced to the fundamental skills of cooking with an emphasis on safe food handling, sanitation and nutrition. These skills are enhanced by hands-on participation in advanced cooking practices including contemporary hot and cold presentation, pastry arts and international cuisine. Training takes place in the Hokanson Centre for Culinary Arts.

The first year of the program focuses on a sound knowledge of kitchen fundamentals and core culinary theory. Many first-year courses can also be studied on a part-time basis. Students exiting after this year will receive a certificate. The second year emphasizes culinary finesse for students aspiring to become chefs and kitchen leaders.

Grads work around the globe in hotels, restaurants, resorts and catering companies, and can advance rapidly through the ranks of the professional kitchen.

www.nait.ca/programs/cua

HOSPITALITY MANAGEMENT

TUITION (2011/12) - \$5,118 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,300 PER YEAR.



The focus of this program is the accommodation and food and beverage segments of the hospitality industry. During the first year, students gain business and customer service skills in food and beverage service techniques, front desk check-in procedures, financial accounting, economics and written communications.

The second year examines marketing, financial management, supervisory skills and advanced courses in hotel, restaurant and catering operations. A 400-hour work experience term is also included.

Students seeking further education can use their diploma for transfer credit at a number of universities offering undergraduate degrees in hospitality or tourism management.

www.nait.ca/programs/hos

RETAIL MEATCUTTING

TUITION (2011/12) - \$1,953; INTERNATIONAL \$6,200. BOOKS & SUPPLIES (EST.) - \$840.



Graduates of this 18-week certificate program have the skills to prepare and market a wide variety of meat, poultry and fish items. Classroom theory, including business procedures, food sanitation and trade calculations are complemented by hands-on training in a fully equipped meat-training lab, in conjunction with the program's Retail Meat Store.

Grads are in demand at grocery and specialty stores, processing plants and in meat inspection services.

www.nait.ca/programs/rmc

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

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- Open to International Students



HEALTH



JEFF WOLFE

MRI Technologist, Alberta Health Services
Magnetic Resonance, Class of 2007

At left, Jeff works in an environment that demands both technical and interpersonal skills. "Half of my program was a practicum, which means I was working directly at the job I was training for. It was extremely practical and lined me up with future employers."



CHECK IT OUT
www.nait.ca/jeff

Watch Jeff's video for insight into this high-demand career.



ANIMAL HEALTH TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$2,250 YEAR 1, \$1,200 YEAR 2.



This popular program, accredited by the Canadian Veterinary Medical Association, focuses on practical skills utilized in both small and large animal practice. Students train in laboratory work, diagnostic imaging, anesthesiology, medical and surgical nursing, surgical assisting and veterinary office management. Studies include parasitology, nutrition, immunology, pharmacology, anatomy, physiology and animal diseases.

Grads start careers with veterinarians, animal laboratories, government agencies, breeding farms and zoos. www.nait.ca/programs/aht

COMBINED LABORATORY AND X-RAY TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$3,500 YEAR 1, \$1,120 YEAR 2.



Designed to serve rural health centres, this program combines training in both the medical laboratory and X-ray disciplines. Students analyze biological samples and learn to perform electrocardiograms and radiographic imaging procedures competently, safely and compassionately. Second-year students complete 36-week practicums at affiliated rural clinical sites.

Graduates are employed in laboratory and radiology departments of rural hospitals and in health-care clinics and private laboratories.

www.nait.ca/programs/clx

CYTOTECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$2,920 - \$3,800 PER YEAR.



Accredited by the Canadian Medical Association, this program teaches students to prepare and analyze cytology samples and to screen microscope slides to evaluate cell specimens for evidence of disease, especially cancer. In Year 2, students participate in a 49-week practicum at training centres in the Edmonton region or Calgary.

Please note: the program starts in alternating years only. Students will begin in fall 2012, fall 2014, etc.

Graduates start careers in hospitals, private medical laboratories, research labs and pharmaceutical companies. www.nait.ca/programs/cyt

DENTAL ASSISTING

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$3,190.



Gain the skills, technical knowledge and clinical experience necessary to become an effective member of a dental health-care team. Students learn chairside assisting procedures and techniques, reception skills and preventive home-care procedures, while studying dental sciences, asepsis, record keeping, nutrition and public and community health-care issues.

Grads work in dentistry practices and clinics as well as dental sales and dental insurance.

www.nait.ca/programs/dea

DENTAL TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$3,940 YEAR 1, \$1,650 YEAR 2.



Recognized by the College of Dental Technologists of Alberta, this diploma prepares students to fabricate complete and partial dentures, crowns, bridges and orthodontic appliances. Using both lecture and lab sessions, studies include dental anatomy and morphology, microbiology, laboratory asepsis and communications.

Grads work in dental labs, clinics, universities and hospitals, and as sales or technical representatives for dental supply companies.

www.nait.ca/programs/dlt

DENTURIST TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$4,480 YEAR 1, \$800 YEAR 2, \$5,250 YEAR 3.



This three-year program prepares students to assess, diagnose, design, fabricate, insert complete and partial dentals and provide effective communication with patients regarding treatment options and care. Studies include dental anatomy, microbiology, oral pathology, fundamentals of radiology, clinical and laboratory prosthodontic procedures and business management. An extensive clinical practicum makes up Year 3. The program is accredited by the Denturist Association of Canada.

Grads work as associates in established denturist practices or may be self-employed in a denture clinic.

www.nait.ca/programs/det

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

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NO AGE LIMIT ON FITNESS

Personal Fitness Trainer (PFT) student Andrew Do works with a 91-year-old client who went from not being able to lift his arm high enough to feed himself properly to enjoying a wide range of motion. Andrew chose a retirement community as the site to complete his professional experience course, part of second-year PFT studies.

DIAGNOSTIC MEDICAL SONOGRAPHY

TUITION (2011/12) - \$1,953 FOR EACH OF 7 SEMESTERS. BOOKS & SUPPLIES (EST.) - \$4,100 YEAR 1, \$2,800 YEARS 2 & 3.



Accredited by the Canadian Medical Association, this diploma prepares students to conduct ultrasound examinations, focusing on obstetrics and gynecology, abdomen and superficial structures, adult echocardiography and vascular technology. Students participate in clinical rotations in locations throughout Alberta and elsewhere.

Grads are in high demand for careers in hospitals and community clinics.
www.nait.ca/programs/dms

EMERGENCY MEDICAL TECHNOLOGY - PARAMEDIC

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$3,160 YEAR 1, \$1,870 YEAR 2.



Prehospital care training in Alberta is a three-step process: Emergency Medical Responder (EMR), Emergency Medical Technician (EMT) and Emergency Medical Technologist - Paramedic (EMT-P). Each program is a prerequisite to the subsequent level. NAIT offers EMR and EMT as part-time studies.

The Paramedic program is an advanced care level diploma accredited by the Canadian Medical Association. Students learn human anatomy and physiology, pathophysiology, pharmacology and related courses, gain skills in advanced life support procedures, and learn to diagnose and treat patients in a variety of medical and trauma situations.

www.nait.ca/programs/emt

MAGNETIC RESONANCE

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$3,460 YEAR 1, \$1,980 YEAR 2.



Accredited by the Canadian Medical Association, this diploma provides the technical competence to perform various MRI procedures. Focusing on anatomy, patient care, communication and safety in the MRI environment, students learn to function effectively in diverse settings from busy trauma centres to outpatient clinics. In Year 2, they participate in clinical rotations throughout Alberta and Saskatchewan.

Graduates are in demand by hospitals, clinics and public health agencies.
www.nait.ca/programs/mri

MEDICAL LABORATORY ASSISTING

TUITION (2011/12) - \$1,953. BOOKS & SUPPLIES (EST.) - \$1,750



This fast-track program involves 16 weeks of study at NAIT followed by seven weeks of clinical laboratory experience. Students are trained in specimen collection and processing for analysis, basic lab procedures, performance of ECGs, data entry and clerical/reception services.

Grads are employed in hospitals, community health centres and private clinical laboratories.
www.nait.ca/programs/mla

MEDICAL LABORATORY TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$4,420 YEAR 1, \$2,710 YEAR 2.



Accredited by the Canadian Medical Association, this program focuses on the analysis of human blood and body fluids for micro-organisms and cellular and chemical components. Compatibility testing of blood and blood products, plus preparation of tissue samples for microscopic examination, are also covered. Students learn quality control/assurance practices and instrument maintenance procedures. The second year involves a 42-week practicum at an affiliated training centre.

Grads work in hospitals, public and private medical laboratories, research and industrial laboratories and pharmaceutical companies.
www.nait.ca/programs/mlt

MEDICAL RADIOLOGIC TECHNOLOGY

TUITION (2011/12) - \$1,953 FOR EACH OF 6 SEMESTERS. BOOKS & SUPPLIES (EST.) - \$3,750 YEAR 1, \$2,600 YEAR 2.



By combining academic study with practicum experience, students learn to perform diagnostic radiographic imaging procedures competently, safely and compassionately. They learn to evaluate the diagnostic quality of images and take corrective action as required, and gain expert knowledge in radiation safety and protection practices.

Studies include anatomy, physiology, radiation science and apparatus, radiobiology and protection, radiographic pathology, CT procedures, patient care and quality control. Accredited by the Canadian Medical Association.

Graduates work in hospitals, clinics, physician offices and public health agencies.

www.nait.ca/programs/mrt

MEDICAL TRANSCRIPTION

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,500.



Vital members of the healthcare team, transcriptionists are medical language specialists who transcribe doctors' dictated reports. The development of the electronic health record has increased the importance of ensuring the accuracy of a patient's medical history, as more medical professionals access and rely on this record.

Students learn medical terminology, anatomy, physiology, pharmacology, computer processing and medical office procedures.

www.nait.ca/programs/mtr

PERSONAL FITNESS TRAINER

TUITION (2011/12) - \$4,146 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,220 - \$1,460 PER YEAR.



Recognized by the Canadian Society for Exercise Physiology (CSEP), this program provides theoretical knowledge and practical skills in:

- anatomy, physiology, nutrition, movement mechanics and injury prevention
- principles and methods of physical training and safe exercise
- health promotion and lifestyle counselling
- communication and leadership; business management and marketing practices.

Graduates are eligible to challenge the national exam to become certified as a CSEP Certified Personal Trainer. They begin careers in private fitness centres and public recreation facilities, or as entrepreneurs with their own clients.

www.nait.ca/programs/pft

RESPIRATORY THERAPY

TUITION (2011/12) - \$3,906 PER YEAR. BOOKS & SUPPLIES (EST.) - \$3,360 YEAR 1, \$2,100 YEARS 2 & 3.



Learn to plan and implement therapeutic and diagnostic procedures for patients suffering from a wide range of heart and lung disorders. Classroom and lab instruction, combined with practicum rotations in various clinical settings, provide technical knowledge and skills in:

- human anatomy, physiology, pharmacology and pathophysiology
- airway management and cardiopulmonary testing, monitoring and resuscitation
- assessment of cardio-respiratory patient status; provision of mechanical ventilator support; testing and evaluation of respiratory equipment.

Grads are highly valued in hospitals, home-care companies, equipment supply companies and diagnostic laboratories.

www.nait.ca/programs/ret

VETERINARY MEDICAL ASSISTANT

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,800.



Graduates with this certificate are animal lovers in demand at veterinary clinics, pet industry businesses, livestock supply centres and animal shelters. Studies include:

- veterinary clinic administrative procedures, record keeping using veterinary software, labelling and dispensing of veterinary products
- animal diseases, veterinary terminology, pharmaceutical and nutritional products
- basic animal handling and restraint
- effective communications, customer service and client relations.

Completion of this certificate qualifies for advanced standing in NAIT's Animal Health Technology diploma.

www.nait.ca/programs/vaa

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance
- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
- Winter

CREDENTIAL

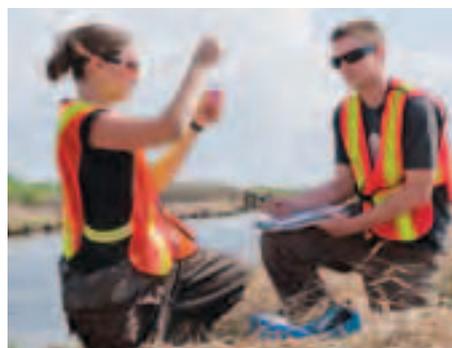
- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



ENVIRONMENTAL MANAGEMENT



RIVER RESEARCH

At left, Biological Sciences Technology students collect water for testing from the Sturgeon River. They're among several students participating in an applied research project to gauge the health of the river. Data collected will help nearby communities make decisions that may reverse declining fish habitat along the river's watershed.



CHECK IT OUT

www.nait.ca/sturgeonriver

Learn more about the Sturgeon River Watershed study.

ALTERNATIVE ENERGY TECHNOLOGY

TUITION (2011/12) - \$5,356 PER YEAR;
INTERNATIONAL \$15,000. BOOKS & SUPPLIES
(EST.) - \$1,200 PER YEAR.



This program provides solid technical knowledge of solar PV, solar thermal, geothermal, wind, bio fuel, fuel cell, hydro and hybrid energy system applications, as well as carbon capture technologies. Students gain communication and project management skills as well as an understanding of the economic, social and environmental factors that drive growth in this emerging industry. The themes of energy quality and source, carbon reduction, sustainability, systems integration and optimization, and market trends are woven throughout the studies.

Graduates become valued project team members in both private firms and public organizations within the alternative energy sector.

www.nait.ca/programs/alt

BIOLOGICAL SCIENCES TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,050 - \$1,950 PER YEAR.



Students take a common first semester before specializing in one of the three programs described below for the remaining three semesters. Year 1 includes courses in zoology, botany, ecology, genetics, chemistry, microbiology, lab techniques, statistics, communications and ethics.

ENVIRONMENTAL SCIENCES

Studies include: environmental sampling and monitoring of air, surface water, groundwater and soil; environmental site assessment; contaminated sites remediation and reclamation; hazardous waste identification and management; and environmental legislation. Graduates work with consulting companies, regulatory agencies and analytical laboratories, or are involved in environmental monitoring for industry.

www.nait.ca/programs/bse

RENEWABLE RESOURCES

Ecology, wildlife surveys, plant and animal diversity, soil and range management, water quality issues, parks management and environmental education projects...these are all topics of study in the Renewable Resources program stream. Graduates are valued by environmental and natural resources consulting firms, government and wildlife research agencies and the oil and gas industry.

www.nait.ca/programs/bsr

LABORATORY AND RESEARCH

Studies focus on quantitative and qualitative research methods in molecular biology, cell culture, immunology, analytical chemistry, biochemistry and applied microbiology. Graduates work in forensics, biological and medical research, and in the pharmaceutical, biotechnology, agricultural and food quality industries.

www.nait.ca/programs/bsl

CHEMICAL TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,880 PER YEAR.



Training in this nationally accredited program is lab-focused, emphasizing standard and specialized laboratory techniques across scientific disciplines. Studies include organic and inorganic chemistry, industrial and physical chemistry, biochemistry, molecular biology, immunology, quantitative and instrumental analysis, and chemistry specific to the oil and gas, agricultural, food and environmental sectors. Optional co-op/work experience terms are available.

Graduates are employed in a wide variety of fields including chemical manufacturing, petroleum and petrochemical analysis, mining, biotechnology and environmental analysis.

www.nait.ca/programs/cht

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance
- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
- Winter

CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students

SERIOUS FUN

A large part of Forest Technology's course work is in the field, where students not only participate in resource management activities, but learn valuable skills crucial to safety and survival in the woods. At right, second-year students at a week-long winter survival camp complete a team challenge involving finding puzzle pieces (while blindfolded) and solving a puzzle before building a fire hot enough to bring melted snow to a boil.



CHECK IT OUT

www.nait.ca/PPwk2

See if you could handle winter survival camp.



FOREST TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$3,130 YEAR 1, \$1,880 YEAR 2.



The Forest Technology program provides technologists with skills that allow them to plan and carry out resource management activities without compromising environmental sustainability. Studies include range and watershed management, reforestation planning and supervision, land reclamation, wildlife and plant identification, entomology, GPS/GIS technology and wildfire management.

Field training is stressed in each of the two years, starting with a five-week field school near Swan Hills, northwest of Edmonton.

Rewarding job opportunities exist with industry, government agencies, consulting firms, conservation groups and private landowners.

www.nait.ca/programs/fot

GEOLOGICAL TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,550 - \$2,020 PER YEAR.



Focus on earth sciences and the relationship to oil/gas and mineral exploration, and environmental management and its relationship to groundwater protection and soil/groundwater remediation. After a common first year, students choose one of the two specializations described below.

Graduates of this nationally accredited program are in demand, working as technologists with resource exploration companies, environmental consulting firms, regulatory agencies and oil and gas companies.

www.nait.ca/programs/gtn

GEOENVIRONMENTAL SPECIALIZATION

Students, perform environmental site assessments, implement remediation and reclamation strategies at contaminated sites, conduct groundwater exploration and determine groundwater quantity and quality.

EXPLORATION SPECIALIZATION

Students conduct and interpret geological, geophysical and geochemical surveys, prepare subsurface maps and cross-sections, collect field data and analyze rock and mineral specimens.

LANDSCAPE ARCHITECTURAL TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,360 - \$1,080 PER YEAR.



This program - the only accredited Landscape Architectural Technology program in Canada - provides the specialized training needed to produce man-made environments that are ecologically appropriate, functionally successful and aesthetically pleasing.

Students gain practical skills in preparing working drawings with computer-aided drafting technology, performing site inspections, estimating, communication and presentation.

Graduates are valued employees in landscape architectural consulting firms, construction firms, parks and recreation offices, plant nurseries and golf course design companies.

www.nait.ca/programs/lat

OCCUPATIONAL HEALTH AND SAFETY

TUITION (2011/12) - \$8,680 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$2,370 YEAR 1, \$1,440 YEAR 2.



This is the only full-time program for occupational health and safety education in Alberta. Graduates meet the educational requirements for Canadian Registered Safety Professional certification, the most-recognized designation for safety professionals in Canada.

Students learn to develop, implement and evaluate corporate occupational health and safety programs and systems focused on loss control. They build strong technical skills and gain exposure to the many facets of the OHS profession, including hazard anticipation, recognition, evaluation and control, risk management, ergonomics, occupational hygiene, construction safety, emergency management and incident investigation. Students complete a mandatory co-op work term in the summer between years 1 and 2 of the program.

www.nait.ca/programs/ohs

WATER AND WASTEWATER TECHNICIAN

TUITION (2011/12) - \$4,593; INTERNATIONAL
\$12,400. BOOKS & SUPPLIES (EST.) - \$1,350.



Help meet the global challenge of maintaining constant supplies of clean water and safely managing wastewater collection and treatment processes. This three-semester program focuses on the operation of water treatment, water distribution, wastewater collection and wastewater treatment systems. Students learn testing procedures, operation of water distribution and water treatment facilities, hydraulics, basic electricity, basic chemistry and blueprint reading. A four-month paid field placement is an important program component.

The program is offered in both Edmonton (January start) and Calgary (September start). Grads work with municipal public works departments and contractors who operate water and wastewater facilities.

www.nait.ca/programs/wwt

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
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- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
- Winter

CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



BUILDING CONSTRUCTION + DESIGN



IAN O'BRIEN

Project Coordinator, Flynn Canada Ltd.
Construction Engineering Technology, Class of 2010

Above, Ian secured his job with one of Canada's leading construction contractors even before he graduated. Now he's putting what he learned about project planning to good use on job sites all over the region.

Watch our video to learn more: www.nait.ca/ian.

MICHELLE WEISE

Architectural Technology, Class of 2011

At left, Michelle shows off her winning designs for a Canadian Western Bank branch. Part of program curriculum, the competition provided CWB with innovative ideas for creating an environmentally sustainable facility.

ARCHITECTURAL TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$3,840 YEAR 1, \$1,930 YEAR 2.



Learn to translate architectural design concepts into graphic images with construction drawings and documents.

- Prepare architectural working drawings with computer-aided drafting and design.
- Sketch building details in assembly; create and build 3D scale models.
- Select building products; understand building codes, technical drawings and specifications.

Grads start careers in technical positions with architects, engineers, contractors and building component suppliers.

www.nait.ca/programs/arc

BUILDING ENVIRONMENTAL SYSTEMS TECHNOLOGY

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$720.



To be accepted into this second-year program, students must have completed the one-year HVAC Specialist certificate program (see page 37) or be a Journeyman Refrigeration and Air Conditioning Mechanic. This diploma is earned after an additional two semesters of study.

Studies focus on the engineering theory and conceptual aspects of heating, ventilating, air conditioning and refrigeration (HVAC & R) integration in building systems. Topics include:

- design and operation of mechanical systems, control integration and commercial refrigeration used in buildings and manufacturing processes
- HVAC mechanical system design utilizing AutoCAD
- HVAC mechanical estimating, contract management and project management
- energy auditing and alternative energy management strategies.

Grads start careers with HVAC system manufacturers and suppliers, consulting engineering firms, mechanical and refrigeration contractors, commissioning agents and government agencies.

www.nait.ca/programs/bes

CONSTRUCTION ENGINEERING TECHNOLOGY

TUITION (2010/11) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$4,130 YEAR 1, \$1,620 YEAR 2.



Develop practical knowledge and skills in:

- construction project planning, cost estimating, scheduling and control
- contract administration and sub-trade coordination
- construction industry materials, products, building systems and safety codes
- drawing interpretation, sketching of details and site surveying.

Grads work as project planners and schedulers, project coordinators working towards construction project management, construction estimators and site superintendants with a wide range of firms in the construction sector.

www.nait.ca/programs/con

INTERIOR DESIGN TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$3,840 YEAR 1, \$1,850 YEAR 2.



Learn the relationships between functional, technical and aesthetic elements in interior environments with an emphasis on commercial spaces. Gain practical skills, including how to:

- prepare interior design working drawings with computer-aided drafting systems
- develop presentation drawings including plans, elevations and perspectives
- plan interior spaces effectively using current products and materials.

Graduates start careers in technical positions with architectural and design firms as assistants to interior designers, or with furniture and product manufacturers/suppliers as sales personnel or in-house design assistants.

www.nait.ca/programs/idt

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
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START DATE

- Fall
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CREDENTIAL

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- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



ENGINEERING TECHNOLOGIES



GOOD NEWS FOR GRADS

Students in engineering technology programs become some of NAIT's most sought-after graduates. Geomatics Engineering Technology (pictured at left) is a good example – for the past ten years, between 93 and 100 per cent of grads have secured full-time jobs directly related to their studies soon after graduation.

BACHELOR OF TECHNOLOGY IN TECHNOLOGY MANAGEMENT (BTECH)

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$2,000 PER YEAR.



NAIT's Bachelor of Technology is the only degree of its kind in Alberta. It offers graduates of recognized two-year diploma programs the opportunity to earn a baccalaureate degree with only two additional years of study. Many NAIT diplomas qualify as the first two years of the BTech degree (watch for the BTech icon). Similar programs from other recognized institutions are also eligible entry points.

BTech students build on their strong technical backgrounds, adding the leadership and critical thinking skills they need to take on management and supervisory roles. They gain a global perspective, focusing on social, economic and environmental issues, and develop skills in:

- innovation, transition and change management
- critical thinking and problem solving
- planning and strategy development
- effective multimedia communications
- staffing and supervision.

Typical full-time studies begin in September or January. Please check the BTech website for additional start times of individual courses.

BTech graduates are eligible to continue their studies in Masters programs at various universities.

www.nait.ca/btech

BIOMEDICAL ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,000 - \$1,900 PER YEAR.



The health-care industry is critically dependant on sophisticated medical diagnostic and therapeutic equipment, meaning that individuals with technical expertise - Biomedical Engineering Technologists - are in high demand.

This nationally accredited program provides specialized training in biomedical instrumentation, X-ray and diagnostic imaging equipment, medical laboratory instrumentation and computer networks. Studies also include anatomy, physiology and regulations pertaining to medical equipment.

Wide-ranging career opportunities exist in hospitals, with biomedical equipment service organizations and with medical equipment manufacturers in both sales and service.

www.nait.ca/programs/bet

CHEMICAL ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$2,570 YEAR 1, \$1,080 YEAR 2.



This nationally accredited program focuses on hydrocarbon and chemical processing, upgrading of heavy oil and bitumen, and pulp and paper manufacturing. Studies include natural gas and petrochemical processing, plant design and operations, instrumentation and process control, project management and economics, and environmental protection and safety. Students gain practical skills during a one-week training session at the Enform oil and gas production facility in Nisku, followed by a two-week work experience placement.

Grads are in demand as process operators and technologists in crude oil refining, the pipeline industry, oil and gas production and petrochemical plants. Graduates can also be involved in the design and fabrication of process industry equipment.

www.nait.ca/programs/cmt

CIVIL ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,950 - \$2,575 PER YEAR.



Learn to complete design and construction drawings for municipal, structural, transportation and geotechnical projects, plus:

- utilize computer software in an engineering environment
- apply scientific and numeric principles to civil engineering projects
- prepare contract documents, cost estimates and construction schedules
- perform and interpret quality control tests for soils, concrete and asphalt.

Graduates of this nationally accredited program work in planning, design, drafting, surveying, construction, inspection, testing and sales for a wide range of employers.

www.nait.ca/programs/civ

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
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START DATE

- Fall
- Winter

CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



TYLER MOWBREY

BACHELOR OF TECHNOLOGY,
CLASS OF 2010

Tyler's pursuing his MBA while working as a software consultant.

"All the classes in BTEch really emphasized how to research, how to find information quickly and how to present it in a clear and concise manner. Every day I'm utilizing skills I learned at NAIT."



CHECK IT OUT

www.nait.ca/tyler

Tyler's video shows a career path that's going places.



ELECTRICAL ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$1,100 - \$1,780 PER YEAR.



A comprehensive study of electrical principles and practices, this nationally accredited program deals with the operation of electrical and electronic equipment, specialized testing equipment and computer software. Students study and work with analog and digital meters, generators, motors, transformers, protective relays, electrical control circuits and programmable logic controllers as well as manual and computer-aided engineering drawings.

Grads start careers as electrical designers, consultants, estimators, project coordinators, technical support experts, sales representatives and field service personnel.

www.nait.ca/programs/elt

ENGINEERING DESIGN AND DRAFTING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,750 - \$1,930 PER YEAR.



Develop the engineering fundamentals and hands-on skills to produce engineering designs and CAD working drawings for:

- municipal services, topographical and survey applications
- petrochemical plants, piping systems, tanks and pressure vessels
- structural design projects in steel and reinforced concrete
- machines, including electrical considerations with adaptation to automation.

Our program has earned national accreditation in municipal, process and machine design. Grads start careers as drafters/designers in engineering design offices or on project sites.

www.nait.ca/programs/edd

GEOMATICS ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$960 - \$1,530 PER YEAR.



Focus on the science associated with surveying measurement by:

- developing skills in the use of surveying equipment, learning to transfer measurement data to and from computers, and using computers to analyze and process information
- collecting and analyzing position-based data related to land information
- learning about the theory and application of Global Positioning Systems (GPS) and Geographic Information Systems (GIS).

Grads of this nationally accredited program have excellent career potential with land surveying and engineering consulting firms, government agencies and utility companies.

www.nait.ca/programs/get

INSTRUMENTATION ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$2,150 YEAR 1, \$1,250 YEAR 2.



This nationally accredited program teaches students the principles involved in industrial automation. Through a series of practical and theoretical experiences, students learn to measure and control industrial processes safely.

Graduates find careers in design, sales and maintenance roles with engineering offices, utilities, mining, pulp/paper and petrochemical companies.

www.nait.ca/programs/iet

MATERIALS ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$2,140 YEAR 1, \$1,100 YEAR 2.



The focus of this nationally accredited diploma is on the analysis, testing and processing of a wide range of engineering materials, including metals, ceramics, plastics, soils, concrete and asphalt. Studies include:

- corrosion testing and prevention methods
- mechanical testing and failure analysis
- non-destructive and destructive testing
- heat treating and processing.

Varied career opportunities exist in petroleum/petrochemical processing and refining, pipeline construction, corrosion lab and field work, quality control/assurance, and technical sales.

www.nait.ca/programs/met

MECHANICAL ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$1,500 YEAR 1, \$825 YEAR 2.



This nationally accredited program emphasizes engineering fundamentals combined with high-tech equipment and analysis techniques. Students learn to:

- design and interpret mechanical components
- perform cost estimates for fabrication and plan for efficient production
- plan and evaluate equipment performance, maintenance programs and facilities layout
- apply statistical techniques for inspection and measurement.

After a common first year, students choose from two program streams: general design or manufacturing options.

Grads start careers in a wide variety of processing and manufacturing industries, as well as in engineering design and mechanical equipment research and development.

www.nait.ca/programs/mec

NANOTECHNOLOGY SYSTEMS

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$2,950 YEAR 1, \$580 YEAR 2.



Nanotechnology is the study of materials and systems at an atomic and molecular scale. This emerging science is creating new materials and devices with a vast range of applications in electronics, biochemistry, medicine and energy production.

NAIT's Nanotechnology Systems program - the first such diploma in Canada - provides a strong foundation of electronics, material science, instrumentation, chemistry and biochemistry, supported by courses in ethics and communications. Students will learn "clean room" lab protocols and how to operate specialized equipment, gaining the skills to assist research and manufacturing operations in the growing nanotechnology industry.

www.nait.ca/programs/nan

PETROLEUM ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$1,540 - \$2,170 PER YEAR.



This nationally accredited program is known for delivering up-to-date knowledge of petroleum geology, well drilling techniques, reservoir engineering, oil and gas production optimization, project development and management, and environmental protection and safety. Students gain practical skills during a one-week session at the Enform oil and gas production facility in Nisku, and a two-week work experience placement.

Graduates start careers as production technologists in the exploration and production sectors of the conventional and unconventional (heavy oil, shale gas, etc.) oil and gas industry. Typical employers include oil and gas producers, oilfield service companies and regulatory agencies.

www.nait.ca/programs/pnt

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance
- BAI**
Bachelor of Applied Information Systems Technology

START DATE

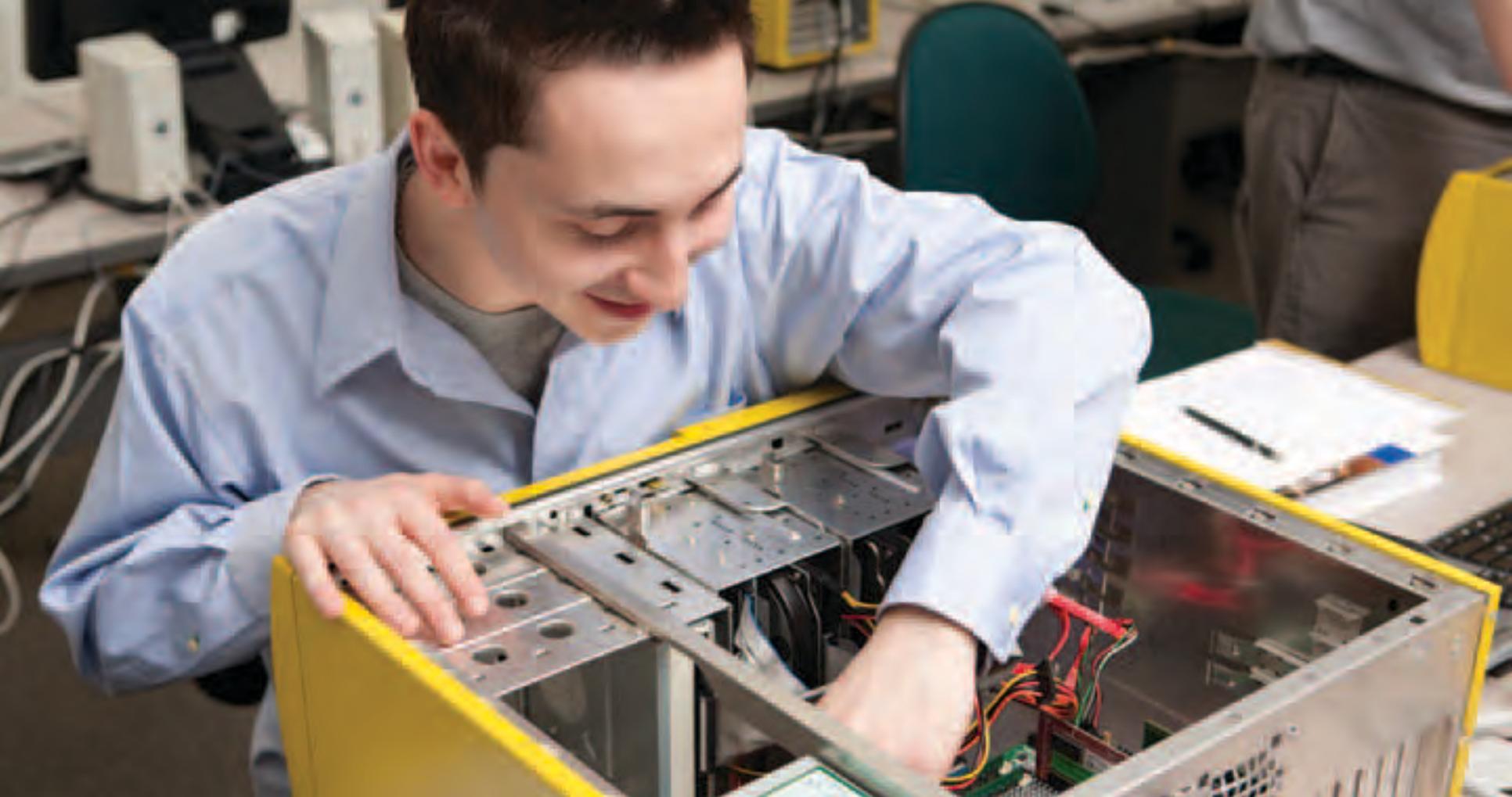
- Fall
- Winter

CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



IT + ELECTRONICS

BACHELOR OF APPLIED INFORMATION SYSTEMS TECHNOLOGY

TUITION (2011/12) - \$3,906 YEAR 1, \$1,374
YEAR 2; INTERNATIONAL \$13,500. BOOKS &
SUPPLIES (EST.) - \$1,100.



Students who have already earned an IT-related diploma gain advanced knowledge of emerging technologies, plus sound leadership, project management and strategic planning skills with this applied degree.

Choose one of two majors: Information Systems or Network Management. Information Systems focuses on leading-edge technologies used in the analysis, design and implementation of sophisticated e-commerce and other IT systems. Network Management involves planning, installing and managing computer networks and internetworks in a wide range of industries. A paid eight-month work experience term is an important component of both majors.

www.nait.ca/programs/bai

COMPUTER ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$13,500. BOOKS & SUPPLIES (EST.) - \$1,620 YEAR 1, \$520 YEAR 2.



Computer Engineering Technology students design, build and program computers, gain skills in the hardware and software aspects of microcomputers and their applications, and receive extensive hands-on training.

Graduates of this nationally accredited program start careers in programming, data communications, networking, systems design, project management, sales and support.

www.nait.ca/programs/cnt

COMPUTER NETWORK ADMINISTRATOR

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$2,100.



Build fundamental knowledge of network operating systems, internetworking technologies, computer network security and PC hardware. Studies include local and wireless networks, network management, enterprise networking concepts and professional and business topics.

Graduates work as client services, network services and information services administrators, desktop and technical support technicians, and systems analysts.

www.nait.ca/programs/cna

ELECTRONICS ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$13,500. BOOKS & SUPPLIES (EST.) - \$2,090 YEAR 1, \$810 YEAR 2.



Learn to design and maintain a wide variety of electronics systems such as communications equipment, computer hardware, sophisticated electronic industrial control systems and microcontroller products. Studies include electronic and digital circuits, data networks, radio systems and advanced test and measurement equipment.

Graduates of this nationally accredited program are employed by companies that install, maintain or sell electronic, industrial and communications equipment, and by firms involved in research and development.

www.nait.ca/programs/eet

NETWORK ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$13,500. BOOKS & SUPPLIES (EST.) - \$900 - \$1,250 PER YEAR.



The focus of this nationally accredited diploma program is on learning to analyze, design, implement and maintain complex local and wide area networks. These industry-driven skills span the range from security design and network simulation to router programming and administration of operating systems.

www.nait.ca/programs/net

WIRELESS SYSTEMS ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$5,356 PER YEAR; INTERNATIONAL \$15,000. BOOKS & SUPPLIES (EST.) - \$1,700 PER YEAR.



New in fall 2011, this diploma provides the building blocks necessary to begin a career in the highly technical and evolving field of wireless communications systems. Students learn introductory and advanced wireless communications theories; communications infrastructure and transport media concepts; enterprise, industrial, residential and personal wireless communications systems and device concepts; and systems and business management principles.

Wireless communications is a fast-paced field with enormous growth potential as the communication of voice, video and data continues to converge worldwide. Grads will fill a variety of positions including systems engineering and design, technical support and maintenance.

www.nait.ca/programs/wst

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
- BTECH**
Bachelor of Technology in Technology Management
- ADA**
Bachelor of Applied Business Administration - Accounting
- BBF**
Bachelor of Applied Business Administration - Finance
- BAI**
Bachelor of Applied Information Systems Technology

START DATE

- Fall
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CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



MEDIA + DESIGN



REAL-WORLD PROJECTS

Above, students in Digital Media & IT work with industry clients to develop customized end products. Recently, the class collaborated with Alberta police agencies to produce a 60-second video for a province-wide police recruitment campaign.

DIGITAL MEDIA AND IT

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$13,500. BOOKS & SUPPLIES
(EST.) - \$1,000 PER YEAR.



Based on the strong interrelationship between IT and new media design, this program explores a dynamic range of current and emerging fields. After a common first semester, students choose courses that align with their interests and growing abilities. The wide variety of electives covers such topics as visual and rich media design, application development, cinematography, video production, game development, 3D and animation, web design, web security, systems analysis and more.

Students can create unique skill sets that make them highly versatile in the job market. Based on the courses chosen, they can find employment in applications development, game design and programming, visual communication, web design and development, video production, business analysis, systems administration and other related fields.

www.nait.ca/programs/dmit

GRAPHIC COMMUNICATIONS

TUITION (2011/12) - \$3,906; INTERNATIONAL
\$12,400. BOOKS & SUPPLIES (EST.) - \$850.



Learn to design and produce various print, promotional and electronic media from concept through to final production. The major focus of this program is on design, digital pre-press, illustration, page layout, typography, photo manipulation and customer proofing. Electronic files can be output to various communication media such as PDFs or e-readers, plotters and printers, or digital and offset presses.

Graduates start careers in graphic design companies, printing and promotional plants, advertising agencies, in-house design and publishing departments and electronic pre-press studios.

www.nait.ca/programs/gcs

PHOTOGRAPHIC TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$4,570 YEAR 1, \$1,150 YEAR 2.



In preparation for professional photographic careers, students learn to handle both the technical and aesthetic requirements of quality photographic image production including camera, lighting and processing skills. They develop skills in portrait and wedding photography, commercial and industrial photography, photojournalism, fine art photography, photography in studio and on location, and digital image capture and processing.

www.nait.ca/programs/pht

RADIO AND TELEVISION – RADIO

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$100 - \$700 PER YEAR.



Many graduates of this program are well-known personalities, working as announcers, news/sports reporters, copywriters, producers and promotions coordinators at radio stations throughout the province and beyond.

Students learn announcing, writing, news/sports, sales, audio production and related equipment operation, plus coordination of music, news and commercial scheduling systems. They gain practical skills and an understanding of job functions normally found in radio stations by staffing NAIT's in-house radio station NR92 (www.nr92.com), becoming contributors to the station website and getting direct industry experience through a lengthy field placement.

www.nait.ca/programs/rtr

RADIO AND TELEVISION – TELEVISION

TUITION (2011/12) - \$3,906 PER YEAR;
INTERNATIONAL \$12,400. BOOKS & SUPPLIES
(EST.) - \$100 - \$750 PER YEAR.



Students in this popular program gain skills in reporting, anchoring, videography, web writing, editing, commercial production and news/sports, and learn to help the producer and/or the director as a production assistant. They become familiar with job functions typically found in television stations by acting as the staff of NewsWatch, NAIT's in-house television station, and becoming contributors to the station website (www.naitnewswatch.ca). Students also gain direct industry experience through an extended field placement.

Grads start careers in commercial television stations as reporters, news writers, creative writers, editors, graphic operators, production assistants, camera operators and in other technical positions.

www.nait.ca/programs/rtt

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

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SKILLED TRADES



PROBLEM SOLVERS

Above, Industrial Heavy Equipment Technology student Mark Chomiszczak examines a Caterpillar electronic engine with instructor Colin Ruthven. The engine, one of eight donated by Finning (Canada), is complete with a test module that helps students troubleshoot complex systems.

AUTO BODY TECHNICIAN, PRE-EMPLOYMENT

TUITION (2011/12) - \$1,953; INTERNATIONAL \$6,200. BOOKS & SUPPLIES (EST.) - \$450.



Take just 12 weeks to prepare for an entry-level position in the auto body trade. Studies include industry regulations, component removal and installation, substrate preparations, welding and basic sheet metal repair. Gain work experience with a four-week work placement.

The program provides all of the technical training normally obtained in the first period of Auto Body Technician apprenticeship.

www.nait.ca/programs/abt

AUTOMOTIVE SERVICE TECHNICIAN, PRE-EMPLOYMENT

TUITION (2011/12) - \$1,953; INTERNATIONAL \$6,200. BOOKS & SUPPLIES (EST.) - \$160.



This short-term program combines applied academic skills, employability skills and introductory trade/occupation competencies, preparing grads for entry-level positions in the automotive industry. Successful students will have the opportunity to write the First Period Automotive Service Technician Apprenticeship exam.

Four weeks of the program involve on-the-job training in a practical work environment.

www.nait.ca/programs/apt

CNC MACHINIST TECHNICIAN

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$700.



The CNC Machinist Technician program provides:

- skills and knowledge in conventional machine operations on drill presses, lathes, milling machines and various grinding machines
- extensive training in Computer Numerical Control (CNC) programming, setup and operation
- introductory CAD/CAM training
- introductory Inspection and Quality Control training
- eight weeks (320 hours) of supervised work experience.

Grads work in machine shops as programmers and operators of conventional and CNC machine shop equipment, in quality control or technical sales of machine shop equipment and supplies, and as apprentices in the Machinist/Millwright trades.

www.nait.ca/programs/mat

HVAC SPECIALIST

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,210.



Be introduced to the theory and equipment in the heating, ventilation, air conditioning and refrigeration industries, studying air flow, controls, blueprint reading and computer software applications. The program provides training credit for the first year and partial training credit for the second year of Refrigeration Mechanic apprenticeship.

Graduates are automatically enrolled in the Building Environmental Systems Technology diploma program (see page 27), or they may choose to enter the HVAC job market in a junior capacity.

www.nait.ca/programs/hva

INDUSTRIAL HEAVY EQUIPMENT TECHNOLOGY

TUITION (2011/12) - \$3,906 PER YEAR; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,300 - \$1,600 PER YEAR.



Learn how to diagnose and repair machinery in the heavy equipment industry competently and safely. Such equipment includes on-highway and off-highway mobile equipment as well as engine-powered stationary equipment used in mining, logging, trucking, agriculture, gas processing, oilfield servicing and construction.

Studies include fluid mechanics, petroleum chemistry, fuel and hydraulic systems, electricity, electronics, fleet maintenance, communications and leadership.

The comprehensive mix of training puts graduates in high demand. Most grads pursue careers as Heavy Equipment Technicians; others advance into other facets of the industry including supervisory and sales positions.

www.nait.ca/programs/ihe

LEGEND

PROGRAM LENGTH

- Less than 1 year
- 1 year
- 2 years
- 3 years
- 4 years

LEARNING OPTIONS

- Full-time
- Part-time
- Distance and Online learning
- Co-op available

ACADEMIC LADDER

- BBA**
Bachelor of Business Administration
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START DATE

- Fall
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CREDENTIAL

- Applied degree
- Baccalaureate degree
- Certificate
- Diploma

INTERNATIONAL AVAILABILITY

- Open to International Students



TECHNOLOGY AT YOUR FINGERTIPS

The NAIT Encana Centre for Power Engineering Technology provides a unique environment for high-tech, hands-on training. The ability to interact with a wide range of industry-standard equipment gives students unbeatable practical experience.

MILLWORK AND CARPENTRY

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$1,120.



Gain hands-on skills in the design and construction of wood structures, cabinets, shelving units and furniture. Explore the two traditional woodworking trades: Cabinetmaking and Carpentry, with an emphasis on tools and safety.

Program curriculum covers material outlined in first- and second-year apprenticeship programs. Students who successfully complete this certificate program are eligible to challenge the Alberta Apprenticeship first-year exams for program credit.

www.nait.ca/programs/mic

POWER ENGINEERING TECHNOLOGY

TUITION (2011/12) - \$1,953 FOR EACH OF 5 SEMESTERS; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$3,300 YEAR 1, \$2,400 YEAR 2.



In this comprehensive diploma program, students:

- study thermodynamics, electricity and electronics, refrigeration and air conditioning
- gain skills in mechanical drafting, blueprint reading, technical mathematics and physics
- learn to operate and maintain boilers, pumps, compressors and other pressure vessel equipment
- learn about piping, welding, metallurgy and testing
- progress through the 4th, 3rd and 2nd Class Part A levels of Power Engineering.

A three-month work placement between first and second years provides hands-on industrial experience.

Graduates are in high demand, working as operators or managers for power and heating plants, as consultants with engineering firms and as boiler and pressure vessel inspectors.

www.nait.ca/programs/pwt

POWER ENGINEERING – 4TH CLASS

TUITION (2011/12) - \$3,906; INTERNATIONAL \$12,400. BOOKS & SUPPLIES (EST.) - \$2,090.



Gain practical skills in maintenance and repair of boilers and turbines, and electricity and control of refrigeration and air conditioning systems. Students learn to operate and maintain pumps, compressors and generators, and to prepare, test and inspect plant equipment.

Graduates start careers in power generating plants, petrochemical and industrial plants of all kinds, hospitals and other large building complexes, and heating/refrigeration equipment supply and maintenance firms.

www.nait.ca/programs/poe



REAL SKILLS = GENUINE SATISFACTION

Students in Millwork and Carpentry gain hands-on skills in small classes and impressively equipped wood shops.



CHECK IT OUT

www.nait.ca/programs/mic

See the video and photo gallery of student work to get a real sense of Millwork and Carpentry.

APPRENTICESHIP



WHAT IS APPRENTICESHIP?

Apprenticeship is a method of gaining the expertise needed to become a skilled tradesperson. This is done through a combination of on-the-job and classroom training. Typically, apprentices train for four years (although this varies by trade), spending four to twelve weeks a year in an educational institution and the rest of the time training on the job. When all training has been completed, the apprentice writes provincial examinations set by the Government of Alberta and becomes certified as a journeyman.

To begin training, you must first find an employer who is willing to hire you as an apprentice. Classroom training cannot start until you are employed.

General information on apprenticeship can be found at www.tradesecrets.org.

WHAT DOES NAIT OFFER?

NAIT delivers 34 apprenticeship programs and is Alberta's sole source of training for several of them.

Apprentices in the Electrician, Millwright and Welder programs can choose between either the formal block method of classroom training or distance delivery with an on-site industry mentor and tutor/instructor located at NAIT. The distance delivery option enables apprentices to get training without leaving home or missing work.

- Auto Body Technician
- Automotive Service Technician
- Baker
- Boilermaker
- Cabinetmaker
- Carpenter
- Communication Technician
- Cook
- Crane & Hoisting Equipment Operator - Boom Truck*
- Crane & Hoisting Equipment Operator - Mobile Crane*
- Electrician
- Floorcovering Installer*
- Gasfitter*
- Heavy Equipment Technician
- Instrument Technician
- Insulator
- Ironworker
- Ironworker - Metal Building Systems Erector*
- Lather - Interior Systems Mechanic*
- Machinist
- Millwright
- Outdoor Power Equipment Technician
- Painter and Decorator
- Parts Technician
- Plumber
- Power Lineman*
- Power System Electrician*
- Refrigeration and Air Conditioning Mechanic
- Rig Technician
- Roofer*
- Sheet Metal Worker
- Steamfitter - Pipefitter
- Structural Steel and Plate Fitter
- Welder

* Exclusive to NAIT in Alberta

ASHLEY GALLON

Electrician Apprentice

Victory Rig Equipment,
Nisku, Alberta

Nearing the end of her apprenticeship, Ashley (at left) has a bright future as an electrician. She enjoys the attention to detail and efficiency required in her job, and the changeable nature of the tasks.



CHECK IT OUT

NAIT is Canada's leading apprenticeship trainer, educating more than half of all apprentices in Alberta.

NAIT delivers training in 34 of the province's 50 designated trades.

For more information visit:
www.tradesecrets.org
www.nait.ca/apprenticeship

UPGRADING



NANCY ISSA

ACADEMIC UPGRADING,
CLASS OF 2011

"I heard a lot of positive stories from friends and family who attended NAIT, so I felt comfortable knowing others found success here. That's why I came. Then when I got started, I was actually surprised at how helpful the instructors were. They were always willing to take time outside of class to assist students who needed extra help. I have had so much success as a NAIT student and am so pleased."

ACADEMIC UPGRADING

Is your academic background holding you back? Get the skills and confidence you need to move forward with your education and career goals.

Designed for adults of all ages and academic backgrounds, NAIT's Academic Upgrading program helps learners meet the prerequisites for acceptance into a post-secondary program. Courses based on the Alberta High School curriculum in math, English, biology, chemistry and physics are offered in the fall, winter and spring semesters, and may be taken on either a full- or a part-time basis.

Students can take up to three courses per semester. The fall and winter semesters are 15 weeks long, with both day and evening options available. The spring semester is 12 weeks long, with limited course offerings during the day only.

Students who complete the Academic Upgrading program do not receive a certificate or diploma, and they do not receive course credits toward an Alberta Learning High School diploma. However, the courses are accepted as prerequisites at NAIT and at all other Alberta post-secondary institutions.

www.nait.ca/academicupgrading

PRE-BUSINESS

Pre-Business is designed to give students with Grade 10 math and English the prerequisites to enter programs in the JR Shaw School of Business. Students take four courses over 12 weeks, and can begin the program in either September or January.

www.nait.ca/prebusiness

ENGLISH AS A SECOND LANGUAGE (ESL)

NAIT offers five levels of ESL instruction, from beginner (level 1) to English for Academic Purposes (level 5). Students take a placement test to determine their starting level. Full-time and part-time options in the daytime and evening are available, with courses starting every month. Students enjoy taking separate courses in reading, writing, speaking and listening from a variety of experienced instructors. Courses include many activities and opportunities for students to build on their language skills.

NAIT is a qualified iBT TOEFL testing centre. The TOEFL test is the most widely accepted English-language test in the world, used to evaluate your English skills for the purpose of entering post-secondary study when English is not your first language. NAIT also offers a TOEFL preparation course as part of ESL studies.

www.nait.ca/esl

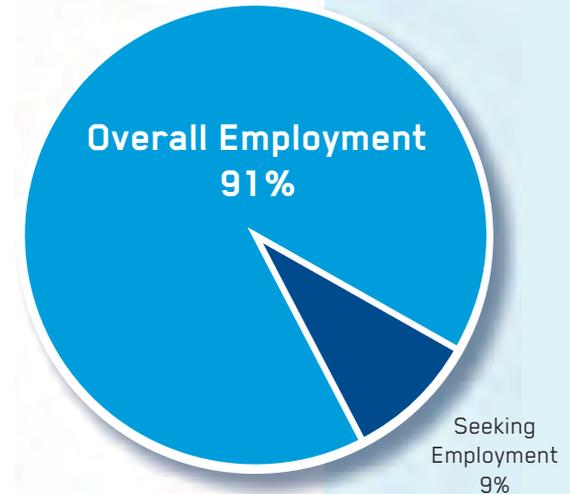
REAL RESULTS

Employers know that NAIT grads are job-ready. Year after year, nine out of 10 graduates are employed soon after they finish final exams.

How do we know? NAIT conducts an annual survey of each year's graduating class. The results are always interesting. For instance, here's what we know about the most recent graduates – the Class of 2010:

- overall, 91 per cent of grads were employed within months of graduation
- 77 per cent were working in fields related to their area of study
- 73 per cent of grads got jobs within the Edmonton region.

Browse the survey to see details of particular programs, including the median annual salaries our new grads are earning within their first year of employment.



Graduate Placement Survey, Class of 2010

	PROGRAM LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR	TOTAL	
BUILDING CONSTRUCTION AND DESIGN							
Architectural Technology	2 years	52	57.7%	0.0%	28.8%	86.5%	\$39,000
Building Environmental Systems Technology	2 years	8	100.0%	0.0%	0.0%	100.0%	\$42,500
Construction Engineering Technology	2 years	45	95.6%	0.0%	2.2%	97.8%	\$53,650
Interior Design Technology	2 years	15	100.0%	0.0%	0.0%	100.0%	\$39,000
BUSINESS AND ADMINISTRATION							
Applied Banking and Business	1 year	7	57.1%	42.9%	0.0%	100.0%	\$27,300
Bachelor of Applied Business Administration - Accounting	4 years*	64	98.4%	0.0%	0.0%	98.4%	\$55,000
Bachelor of Applied Business Administration - Finance	4 years*	11	90.9%	0.0%	0.0%	90.9%	\$42,000
Bachelor of Business Administration	4 years	27	59.3%	7.4%	18.5%	85.2%	\$40,000
Business Administration - Accounting	2 years	138	60.1%	4.3%	18.8%	83.3%	\$35,180
Business Administration - Finance	2 years	64	57.8%	6.3%	20.3%	84.4%	\$36,000
Business Administration - Human Resource Management	2 years	47	46.8%	4.3%	40.4%	91.5%	\$33,000
Business Administration - Management	2 years	28	53.6%	0.0%	25.0%	78.6%	\$44,236
Business Administration - Marketing	2 years	47	61.7%	4.3%	23.4%	89.4%	\$32,900
Captioning and Court Reporting	2 years	4	100.0%	0.0%	0.0%	100.0%	\$60,000

*Applied degree program including a two-year business diploma

NOTES ON THIS SURVEY

- Seventy per cent of the Class of 2010 responded to the survey (students graduating from full-time programs between July 1, 2009 and June 30, 2010)
- Salary data was collected for all graduates who reported having full-time employment (30 hours a week or more). The median annual salary is the midpoint of all reported salaries.
- Graduate employment abbreviations: FT/TR = full time, training-related; PT/TR = part time, training-related; FT/NTR = full time, non training-related.



THEA BOSTELAAR

PROCESS OPERATOR,
STRATHCONA REFINERY
IMPERIAL OIL

CHEMICAL ENGINEERING
TECHNOLOGY, CLASS OF 2011

"I was never worried about not finding a job within my industry after graduation. I worked at the refinery as a summer student between my first and second years and was hired on full-time once I graduated. I'm very happy to have completed my schooling at NAIT - I wouldn't have wanted to be anywhere else."

	PROGRAM LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR	TOTAL	
ENGINEERING TECHNOLOGIES							
Bachelor of Technology in Technology Management	2 years	16	81.3%	0.0%	6.3%	87.5%	\$42,900
Biomedical Engineering Technology	2 years	12	58.3%	0.0%	25.0%	83.3%	\$43,373
Chemical Engineering Technology	2 years	20	80.0%	0.0%	10.0%	90.0%	\$60,000
Civil Engineering Technology	2 years	28	89.3%	0.0%	3.6%	92.9%	\$46,540
Civil Engineering Technology Co-op	2 years	18	83.3%	0.0%	5.6%	88.9%	\$60,000
Electrical Engineering Technology	2 years	30	83.3%	0.0%	6.7%	90.0%	\$48,000
Engineering Design and Drafting Technology	2 years	29	82.8%	3.4%	6.9%	93.1%	\$45,011
Geomatics Engineering Technology	2 years	14	92.9%	0.0%	0.0%	92.9%	\$54,080
Instrumentation Engineering Technology	2 years	75	80.0%	0.0%	8.0%	88.0%	\$53,676
Materials Engineering Technology	2 years	15	80.0%	0.0%	20.0%	100.0%	\$52,000
Mechanical Engineering Technology	2 years	44	77.3%	0.0%	13.6%	90.9%	\$50,000
Petroleum Engineering Technology	2 years	36	77.8%	0.0%	19.4%	97.2%	\$58,500
ENVIRONMENTAL MANAGEMENT							
Biological Sciences Technology - Environmental Sciences	2 years	9	77.8%	0.0%	11.1%	88.9%	\$41,600
Biological Sciences Technology - Laboratory and Research	2 years	11	63.6%	0.0%	18.2%	81.8%	\$33,000
Biological Sciences Technology - Renewable Resources	2 years	12	33.3%	0.0%	25.0%	58.3%	\$27,040
Chemical Technology	2 years	39	56.4%	7.7%	23.1%	87.2%	\$41,600
Forest Technology	2 years	11	81.8%	0.0%	9.1%	90.9%	\$53,040
Geological Technology	2 years	15	46.7%	0.0%	26.7%	73.3%	\$50,000
Landscape Architectural Technology	2 years	16	93.8%	0.0%	6.3%	100.0%	\$41,000
Water and Wastewater Technician	1 year	15	73.3%	6.7%	0.0%	80.0%	\$54,000
HEALTH							
Animal Health Technology	2 years	30	83.3%	3.3%	6.7%	93.3%	\$35,360
Combined Laboratory and X-Ray Technology	2 years	24	70.8%	25.0%	0.0%	95.8%	\$60,029
Cytotechnology	2 years	4	75.0%	0.0%	25.0%	100.0%	\$52,434
Dental Assisting	1 year	50	88.0%	12.0%	0.0%	100.0%	\$41,600
Dental Technology	2 years	8	87.5%	0.0%	12.5%	100.0%	\$36,000
Denturist Technology	3 years	13	92.3%	0.0%	0.0%	92.3%	\$55,200
Diagnostic Medical Sonography	28 months	14	92.9%	0.0%	0.0%	92.9%	\$68,152
Emergency Medical Technology - Paramedic	2 years	23	100.0%	0.0%	0.0%	100.0%	\$65,083
Magnetic Resonance	20 months	10	50.0%	20.0%	20.0%	90.0%	\$63,232
Medical Laboratory Assisting	1 year	35	68.6%	22.9%	8.6%	100.0%	\$40,321
Medical Laboratory Technology	2 years	18	77.8%	22.2%	0.0%	100.0%	\$60,398
Medical Radiologic Technology	2 years	35	82.9%	14.3%	0.0%	97.1%	\$59,023
Medical Transcription	1 year	17	82.4%	0.0%	11.8%	94.1%	\$40,040
Occupational Health and Safety	2 years	36	86.1%	2.8%	2.8%	91.7%	\$67,550
Personal Fitness Trainer	2 years	33	57.6%	24.2%	9.1%	90.9%	\$33,600
Respiratory Therapy	3 years	29	89.7%	10.3%	0.0%	100.0%	\$65,780
Veterinary Medical Assistant	1 year	13	53.8%	15.4%	23.1%	92.3%	\$29,120

HOSPITALITY AND CULINARY	PROGRAM LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR	TOTAL	
Baking Certificate	1 year	19	52.6%	21.1%	21.1%	94.7%	\$26,200
Culinary Arts Certificate	1 year	12	58.3%	8.3%	16.7%	83.3%	\$24,115
Culinary Arts Diploma	2 years	34	88.2%	2.9%	8.8%	100.0%	\$31,395
Hospitality Management Certificate	1 year	2	50.0%	50.0%	0.0%	100.0%	\$27,560
Hospitality Management Diploma	2 years	13	84.6%	7.7%	0.0%	92.3%	\$28,309
Retail Meatcutting	5 months	17	58.8%	0.0%	35.3%	94.1%	\$34,660

INFORMATION TECHNOLOGY AND ELECTRONICS

Bachelor of Applied Information Systems Technology	4 years*	40	85.0%	0.0%	2.5%	87.5%	\$52,000
Computer Engineering Technology	2 years	21	57.1%	0.0%	14.3%	71.4%	\$40,000
Computer Engineering Technology Co-op	2 years	4	75.0%	0.0%	0.0%	75.0%	\$54,000
Computer Network Administrator	1 year	43	72.1%	0.0%	16.3%	88.4%	\$40,000
Electronics Engineering Technology	2 years	13	61.5%	0.0%	23.1%	84.6%	\$45,000
Electronics Engineering Technology Co-op	2 years	3	66.7%	0.0%	33.3%	100.0%	\$46,800
Network Engineering Technology	2 years	5	60.0%	0.0%	0.0%	60.0%	\$37,440
Network Engineering Technology Co-op	2 years	1	0.0%	100.0%	0.0%	100.0%	insuff data

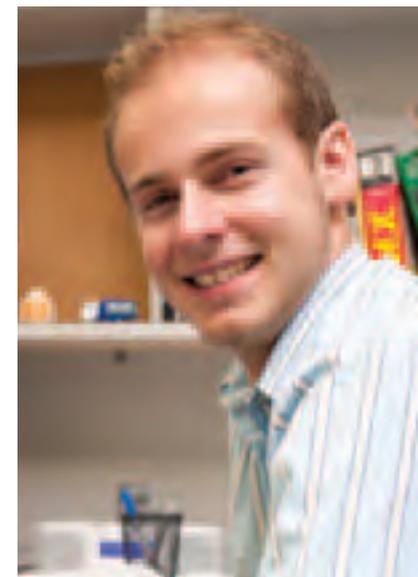
*Applied degree program including a two-year business diploma

MEDIA AND DESIGN

Digital Media and IT	2 years	50	52.0%	10.0%	18.0%	80.0%	\$38,500
Graphic Communications	1 year	24	66.7%	0.0%	25.0%	91.7%	\$30,000
Photographic Technology	2 years	10	70.0%	20.0%	10.0%	100.0%	\$30,208
Radio and Television - Radio	2 years	13	76.9%	7.7%	15.4%	100.0%	\$28,800
Radio and Television - Television	2 years	24	54.2%	4.2%	25.0%	83.3%	\$40,000

SKILLED TRADES

Auto Body Technician, Pre-Employment	12 weeks	17	41.2%	0.0%	52.9%	94.1%	\$33,800
Automotive Technician, Pre-Employment	16 weeks	37	62.2%	2.7%	24.3%	89.2%	\$29,120
CNC Machinist Technician	1 year	12	66.7%	0.0%	33.3%	100.0%	\$41,600
HVAC Specialist	1 year	9	55.6%	11.1%	22.2%	88.9%	\$43,680
Industrial Heavy Equipment Technology	2 years	16	87.5%	0.0%	6.3%	93.8%	\$53,820
Millwork and Carpentry	1 year	31	74.2%	0.0%	12.9%	87.1%	\$33,280
Power Engineering Certificate - 4th Class	1 year	8	87.5%	0.0%	0.0%	87.5%	\$69,680
Power Engineering Technology	2 years	37	86.5%	0.0%	5.4%	91.9%	\$80,000



HUGH MURAT

PROGRAMMER/ANALYST,
STREAM-FLO INDUSTRIES LTD.

COMPUTER ENGINEERING
TECHNOLOGY (CO-OP),
CLASS OF 2009

"I did my summer co-op with Stream-Flo and continued working part-time there over the fall and winter until my graduation. At that point, I was hired on full-time permanent as a programmer/analyst, where I've been ever since."

HOW TO APPLY

Apply to NAIT online at www.nait.ca/apply. Questions can be directed to the Student Success Contact Centre at 780.471.6248 or toll free (within Canada) at 1.877.333.6248.

FINANCIAL AID

Use the following links to see if you are eligible for financial aid, awards or scholarships, and leave yourself plenty of time to submit the appropriate forms.

www.nait.ca/financialaid
www.nait.ca/scholarships



STEP 1: When to apply

In general, applications are accepted between October 1 and August 31 for programs starting in the following Fall term. For Fall intake programs, you are advised to apply by March 31 (February 28 for some Health programs). Specific application deadlines for NAIT programs are available at www.nait.ca/appdeadlines.



STEP 2: Application fee

A non-refundable \$100 processing fee must be paid when you submit your application. You can apply for up to two programs at the same time – just indicate first and second choice. You do not have to pay a second processing fee and your second choice will be considered simultaneously with your first choice.



STEP 3: Transcripts

Official transcripts of your high school and post-secondary education will automatically be requested on your behalf through the online application system, as long as you attended an institution in Alberta. If you attended high school or a post-secondary institution outside of Alberta, it is your responsibility to arrange for an official transcript to be sent to the Registrar's Office directly from the institution. Your application cannot be processed without your transcripts.



STEP 4: Career Investigation Report

Some programs require you to complete a Career Investigation Report. This report should include information that will convince the Admissions Committee that you have fully researched the occupation and the program you hope to study. To verify if your program of choice requires a Career Investigation, please visit www.nait.ca/careerinvestigation.



STEP 5: After You Apply

Within 24 hours of applying, you will receive acknowledgement from NAIT by email. You will be assigned a Student Identification Number and instructions on opening a NAIT user account on the MyNAIT student portal. Please note that all further communication from NAIT is done through MyNAIT portal.

In MyNAIT portal, you will receive very important updates about your application status. You may also receive requests for additional information which we require before we can process your application. This may include requests for a Career Investigation Report, a midterm or progress report, a deposit to hold your seat, or other important information.

It is essential to check for messages from NAIT on MyNAIT portal on a weekly basis and to respond in the given timelines. We recommend all information be sent electronically through MyNAIT portal. If we do not receive a response, your application will be cancelled.

INTERNATIONAL APPLICATION

NAIT welcomes international students from around the world as important members of the campus community. Our services are designed to provide all students with a rewarding campus experience and the support they need to become successful graduates.

You are considered to be an international applicant if you are not a Canadian citizen or a permanent resident of Canada. This page briefly outlines what you need to know to become a NAIT student. Please see www.nait.ca/international for more detailed information.

PROGRAM CHOICES

NAIT has a wide range of full-time programs, nearly all of them open to international applications (look for the  icon throughout this Viewbook). English as a Second Language (ESL) and academic upgrading courses help many students prepare for success. NAIT Continuing Education also offers a number of courses leading to certificates, diplomas and degrees.

ENGLISH LANGUAGE PROFICIENCY

As English is the language of instruction at NAIT, an adequate knowledge of written and spoken English is a prerequisite for admission. All applicants must meet the English language proficiency requirement by presenting proof of completion of the specific prerequisite English course (or approved equivalent), or a minimum of three years of full-time study in English in a country where English is the principal language. Applicants who do not meet this requirement will be asked to submit proof of English language proficiency skills. Full details are available at www.nait.ca/englishreqs.

TUITION

International tuition fees vary by program, and are listed beside each program in this Viewbook.

HOW TO APPLY

Most international students will need a study permit if they plan to study in Canada. To obtain a study permit, first apply online for your program of choice at www.nait.ca. Once you have been accepted, you will receive an official Letter of Acceptance. Then contact your closest Canadian embassy/consulate and provide them with your documents to begin the study permit application process.

APPLY EARLY!

The admission of international applicants is competitive and many NAIT programs fill quickly, so you should apply as early as possible. The length of time needed to obtain a study permit can vary by country, but often takes three to four months.

For programs starting in the Fall semester (September), apply anytime after October 1 of the previous year. Deadline for International applications is May 15. Your complete application package must be received at NAIT prior to this deadline.



ALICE ZHAO

BUSINESS ADMINISTRATION -
ACCOUNTING
CHINA

International students from across the globe have fun discovering what NAIT and Edmonton have to offer.



CHECK IT OUT

www.edmonton.com

Learn about Edmonton, Canada's friendly festival city.

www.nait.ca/international

Get full details on applying to NAIT, English proficiency requirements, working in Canada and other things you'll want to know.

ACADEMIC REQUIREMENTS

PLEASE NOTE

- The information in this chart is a general list of prerequisites for NAIT academic programs. Those programs marked with an asterisk (*) have other entrance requirements that must be met; those marked as “competitive entrance” recommend that applicants meet a specific average as selection is based on academic performance. Please consult www.nait.ca/prerequisites for up-to-date and detailed information.
- All students are required to meet the appropriate grade and/or subject level specified as a minimum for each program.
- A high school diploma is not required; however, specific subject requirements must be met. For applicants who attended high school outside Alberta, please check <http://www.acat.gov.ab.ca/pdfs/OutofProvince.pdf> to view equivalent requirements in other Canadian provinces.
- To ensure consideration, please apply as soon as possible.
- The academic prerequisites listed here are subject to change. For the most up-to-date information, please consult www.nait.ca/prerequisites.
- NAIT reserves the right to suspend or cancel programs or make other changes as required.

PROGRAM	LENGTH	MINIMUM PREREQUISITES	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
ACADEMIC UPGRADING		Grade 10 English		
ALTERNATIVE ENERGY TECHNOLOGY	2 yr	English 30 / Math 30 OR Math 30-1 / Chemistry 20 / Physics 20		
ANIMAL HEALTH TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) / Chemistry 30 / Biology 30		*
APPLIED BANKING AND BUSINESS	1 yr	Grade 12 English / Math 30 (Pure or Applied)		*
ARCHITECTURAL TECHNOLOGY	2 yr	Grade 12 English / PMath 30 OR Math 30-2 / One of: Science 30, Physics 30 or Chemistry 30	Yes	
AUTO BODY TECHNICIAN, PRE-EMPLOYMENT	12 wk	Grade 10 (including English, Math and Science)		
AUTOMOTIVE SERVICE TECHNICIAN, PRE-EMPLOYMENT	16 wk	Grade 10 (including English, Math and Science)	Yes	
BACHELOR OF APPLIED BUSINESS ADMINISTRATION - ACCOUNTING	2 yr	A two-year business diploma from an accredited post-secondary institution	Yes	
BACHELOR OF APPLIED BUSINESS ADMINISTRATION - FINANCE	2 yr	A two-year business diploma from an accredited post-secondary institution	Yes	
BACHELOR OF APPLIED INFORMATION SYSTEMS TECHNOLOGY	2 yr	A two-year diploma in a computer-related technology and/or Computer Engineering Technology	Yes	

PROGRAM	LENGTH	MINIMUM PREREQUISITES	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
BACHELOR OF BUSINESS ADMINISTRATION	4 yr	Admission to Year 1 - average of 65% in the following high school courses with no mark below 50%: English 30-1 or English 30-2 or equivalent, Grade 12 Math (Pure or Applied) OR Math 30-1 or Math 30-2 or equivalent and three additional 30-level courses Admission to Year 3 - completion of a Business Administration diploma program with a GPA of 2.3 or higher		
BACHELOR OF TECHNOLOGY IN TECHNOLOGY MANAGEMENT	2 yr	Diploma or degree in an accredited or recognized engineering technology, applied science or health science program	Yes	
BAKING	1 yr	Grade 10 (including English and Math) OR Math 10C or equivalent	Yes	*
BIOLOGICAL SCIENCES TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) / Chemistry 30 / Biology 30	Yes	
BIOMEDICAL ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30	Yes	
BUILDING ENVIRONMENTAL SYSTEMS TECHNOLOGY	2 yr	Successful completion of HVAC certificate		
BUSINESS ADMINISTRATION	2 yr	Grade 12 English / Math 30 (Pure or Applied)		
CAPTIONING AND COURT REPORTING	2 yr	60% in Grade 12 English / One of: Grade 12 Social Studies, Grade 12 Legal Studies, post-secondary Sociology, post-secondary Psychology or work experience that demonstrates an understanding of social systems.		*
CHEMICAL ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or 60% in Math 33 OR Math 30-1 or 60% or better in MATH 30-2 / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
CHEMICAL TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) / Chemistry 30	Yes	
CIVIL ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or 80% in Math 30A / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
CNC MACHINIST TECHNICIAN	1 yr	Grade 10 (including English and Math)	Yes	*
COMBINED LABORATORY AND X-RAY TECHNOLOGY	2 yr	English 30-1 / PMath 30 / Chemistry 30 / Biology 30	Yes	*
COMPUTER ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30, Chemistry 30 or 5 credits of Advanced Level Computer Science (CSE) courses taken within the Career and Technology Studies (CTS) program	Yes	
COMPUTER NETWORK ADMINISTRATOR	1 yr	Grade 12 English / Math 20 (Pure or Applied) / One of: Science 20, Physics 20, Biology 20, Chemistry 20 or 5 credits of Advanced Level Computer Science (CSE) courses taken within the Career and Technology Studies (CTS) program		*
CONSTRUCTION ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or AMath 30 with a minimum grade of 60% / One of: Science 20, Physics 20 or Chemistry 20		*
CULINARY ARTS	1-2 yr	Grade 10 (including English and Math) OR Math 10C or equivalent	Yes	*
CYTOTECHNOLOGY	2 yr	English 30-1/ PMath 30 / Chemistry 30 / Biology 30	Yes	*

PROGRAM	LENGTH	MINIMUM PREREQUISITES	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
DENTAL ASSISTING	1 yr	Grade 12 English / Biology 30 / Chemistry 30 / One of: Science 30, Math 30 (Pure or Applied), Math 31, Physics 30, Social Studies 30 or a 30-level language other than English	Yes	*
DENTAL TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) / Biology 30 / One of: Science 30, Chemistry 30, Physics 30, Math 31, Social Studies 30 or a 30-level language other than English		*
DENTURIST TECHNOLOGY	3 yr	Grade 12 English / Math 30 (Pure or Applied) / Biology 30 / One of: Science 30, Chemistry 30, Physics 30, Math 31, Social Studies 30 or a 30-level language other than English		*
DIAGNOSTIC MEDICAL SONOGRAPHY	28 mth	English 30-1 / PMath 30 / Physics 30 / Biology 30 / Chemistry 20	Yes	*
DIGITAL MEDIA AND IT	2 yr	Grade 12 English / PMath 20 or AMath 30 with a minimum grade of 65%	Yes	*
ELECTRICAL ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
ELECTRONICS ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30	Yes	
EMERGENCY MEDICAL TECHNOLOGY - PARAMEDIC	2 yr	Grade 12 English / Biology 30 / Math 10 (Pure or Applied)		*
ENGINEERING DESIGN AND DRAFTING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 OR Math 30-1/ One of: Science 30, Physics 30 or Chemistry 30		
FOREST TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) OR Math 30-1 or Math 30-2/ Two of: Chemistry 20, Biology 20 or Physics 20		
GEOLOGICAL TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or 60% in Math 33 OR Math 30-1 or 60% or better in Math 30-2/ One of: Science 30, Physics 30 or Chemistry 30 or 60% or greater in Biology 30	Yes	*
GEOMATICS ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 20 or Chemistry 30		
GRAPHIC COMMUNICATIONS	1 yr	Grade 12 English / Math 20 (Pure or Applied)	Yes	
HOSPITALITY MANAGEMENT	2 yr	Grade 11 (including English and Math) OR Math 20-1 or 20-2 or 20-3	Yes	
HVAC SPECIALIST	1 yr	Grade 11 English / Math 20 (Pure or Applied) / One of: Physics 20, Science 20 or Chemistry 20		
INDUSTRIAL HEAVY EQUIPMENT TECHNOLOGY	2 yr	Grade 11 English / PMath 20 or AMath 30 / and one of: Science 30, Chemistry 30 or Physics 20	Yes	
INSTRUMENTATION ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
INTERIOR DESIGN TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or Math 30-2 / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
LANDSCAPE ARCHITECTURAL TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied) OR Math 30-2 / One of: Science 30, Physics 30, Chemistry 30 or Biology 30	Yes	
MAGNETIC RESONANCE IMAGING	2 yr	English 30-1 / PMath 30 / Physics 30 / Biology 30 / Chemistry 20	Yes	*
MATERIALS ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 OR Math 30-1 / One of: Science 30, Physics 30 or Chemistry 30		

PROGRAM	LENGTH	MINIMUM PREREQUISITES	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
MECHANICAL ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30		
MEDICAL LABORATORY ASSISTING	20 wk	Grade 12 English / PMath 10 or AMath 20 / Chemistry 20 / Biology 20		*
MEDICAL LABORATORY TECHNOLOGY	2 yr	60% or better in each of: English 30-1, PMath 30, Chemistry 30 and Biology 30 / five or more credits of post-secondary Human Anatomy and Physiology / one credit of post-secondary Medical Terminology or completion of a challenge exam with a 60% pass		*
MEDICAL RADIOLOGIC TECHNOLOGY	2 yr	English 30-1 / Math 30 (Pure or Applied) / Physics 30 / One of: Science 30, Chemistry 30 or Biology 30	Yes	*
MEDICAL TRANSCRIPTION	1 yr	Grade 12 English	Yes	*
MILLWORK AND CARPENTRY	1 yr	Grade 10 (including English 10-2 and Math 10-3 or equivalent)		
NANOTECHNOLOGY SYSTEMS	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30, Chemistry 30, Biology 30	Yes	
NETWORK ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30, Chemistry 30 or 5 credits of Advanced Level Computer Science (CSE) courses taken within the Career and Technology Studies (CTS) program	Yes	
OCCUPATIONAL HEALTH AND SAFETY	2 yr	Grade 12 English / AMath 30 OR Math 30-2 / Two of: Chemistry 20, Physics 20, Science 20 or Biology 20	Yes	*
PERSONAL FITNESS TRAINER	2 yr	Grade 12 English / Math 20 (Pure or Applied) / Biology 30		*
PETROLEUM ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 or 60% in Math 33 OR Math 30-1 or 60% or better in Math 30-2 / One of: Science 30, Physics 30 or Chemistry 30	Yes	*
PHOTOGRAPHIC TECHNOLOGY	2 yr	Grade 12 English / Math 30 (Pure or Applied)	Yes	*
POWER ENGINEERING - 4TH CLASS	1 yr	Grade 10 English / PMath 10 or Math 10C / One of: Science 10, Physics 10 or Chemistry 10		
POWER ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 or Chemistry 30		*
RADIO AND TELEVISION - RADIO	2 yr	Grade 12 English / Math 20 (Pure or Applied) / Grade 11 Science and Social Studies	Yes	*
RADIO AND TELEVISION - TELEVISION	2 yr	Grade 12 English / Math 20 (Pure or Applied) / Grade 11 Science and Social Studies	Yes	*
RESPIRATORY THERAPY	3 yr	English 30-1 / Math 30 (Pure or Applied) / Chemistry 30 / Biology 30	Yes	*
RETAIL MEATCUTTING	20 wk	Grade 10 (including English and Math), OR Math 10C or equivalent		
VETERINARY MEDICAL ASSISTANT	1 yr	Grade 12 English / Math 20 (Pure or Applied)		*
WATER AND WASTEWATER TECHNICIAN	1 yr	Grade 12 English / Math 20 (Pure or Applied) OR Math 20-1 / One of: Physics 20, Chemistry 20, Biology 20 or Science 20	Yes	
WIRELESS SYSTEMS ENGINEERING TECHNOLOGY	2 yr	Grade 12 English / PMath 30 / One of: Science 30, Physics 30 (preferred) or Chemistry 30		

GET MORE INFO



EYE-OPENING OPEN HOUSE

Come to Open House with your school, your parents, your friends or just your own curiosity. You'll get a first-hand look at the real-world education that gives NAIT students the edge.

Open House is held on Main Campus in mid-October every year. See you there!



CHECK IT OUT

www.nait.ca/openhouse



Making choices in post-secondary education can be confusing. But relax – we're here to help, with resources, advisors and special events to answer your questions and help you decide.

WWW.NAIT.CA

The NAIT website is where you'll find details on all the programs we offer. Explore the Prospective Students site, with links to financial aid, scholarships, campus life and much more, plus information especially for parents.

OPEN HOUSE

Find out what NAIT's really like by talking to faculty, grads and current students at Open House. Learn about our wide range of programs through interactive demonstrations and hands-on exhibits.

October 14 & 15, 2011

October 19 & 20, 2012 (tentative date)

www.nait.ca/openhouse

INFO WEEK

Program information sessions paint a clear picture about what you'll study and where it can lead. Each program is profiled on a specific night during February's Info Week. Some programs hold additional info sessions throughout the year – see the website for details.

Info Week is February 6-9, 2012

www.nait.ca/infoweek

BUDDY SYSTEM

Spend the day with a current NAIT student, experiencing the campus and your program of choice first-hand. To arrange your Buddy System visit, check the website for details.

www.nait.ca/buddysystem

TAKE A TOUR

Arrange for a tour of main campus by emailing asknait@nait.ca.

CONNECT ONLINE

See what's new at NAIT:

www.nait.ca/facebook

twitter.com/nait

www.youtube.com/techlifemag

JUST ASK

Talk to our helpful staff to get answers to your questions and plan your education.

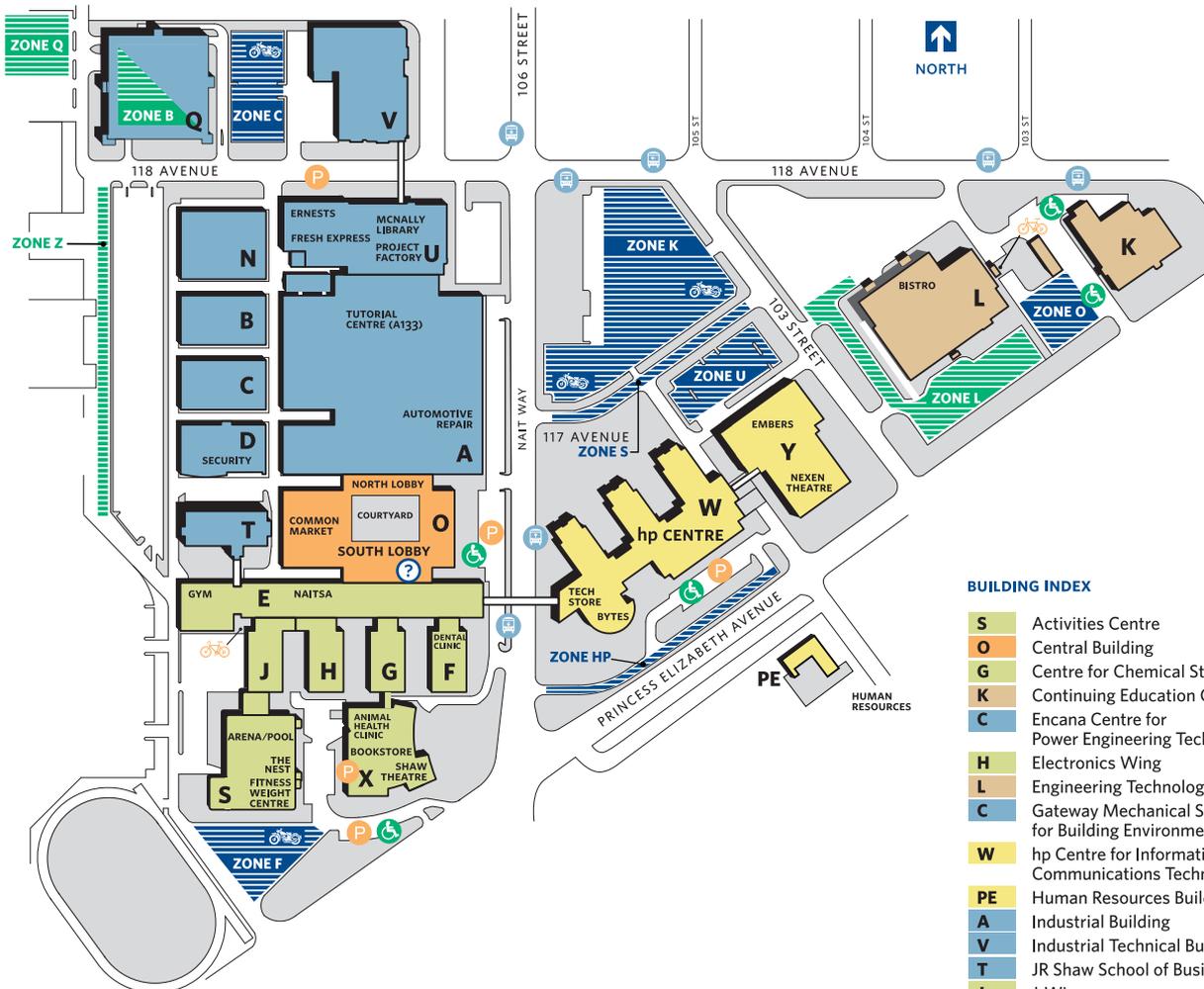
Phone 780.471.6248 or toll free (within North America) 1.877.333.6248

Email: asknait@nait.ca

Speak to a Prospective Student Advisor in Office O117 in the South Lobby, Main Campus (appointment recommended).



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www.nait.ca



TO KINGSWAY MALL

Main Campus

LEGEND

- | | |
|---------------------------------------|------------------------|
| Information | Motorcycle Parking |
| Hourly Parking | Bicycle Compound |
| Bus Stop | Student Permit Parking |
| Parking for persons with disabilities | Daily Parking |

BUILDING INDEX

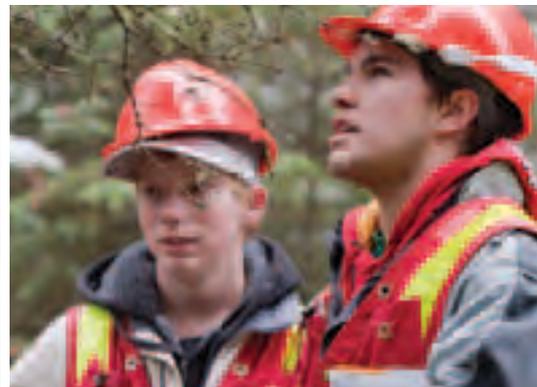
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|-----------|--|
| S | Activities Centre |
| O | Central Building |
| G | Centre for Chemical Studies |
| K | Continuing Education Centre |
| C | Encana Centre for Power Engineering Technology |
| H | Electronics Wing |
| L | Engineering Technologies Annex |
| C | Gateway Mechanical Services Centre for Building Environment Technology |
| W | hp Centre for Information and Communications Technology |
| PE | Human Resources Building |
| A | Industrial Building |
| V | Industrial Technical Building |
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| J | J-Wing |
| U | Learning Resources Centre |
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| N | Sandvik Coromant Centre for Machinist Technology |
| D | Services Building |
| B | Shell Manufacturing Centre |
| X | South Learning Centre |
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- Office of the Registrar, **O-115 (South Lobby)**
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- Services for Students with Disabilities, **W-111PB**
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- Tutorial Centre, **A-133**

LOCATIONS

- Edmonton**
- Main Campus, 11762 - 106 Street NW
- Patricia Campus, 12204 - 149 Street
- South Campus, 7110 Gateway Boulevard
- St. Albert, 506B, St. Albert Road
- NAIT Distribution Centre, 11311 - 120 Street
- Calgary**
- NAIT Calgary, 816 - 55 Avenue NE





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