



**WE  
ARE**

**ESSENTIAL  
TO YOUR SUCCESS**

NAIT VIEWBOOK 2014/15



# LEGEND

## PROGRAM LENGTH

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

## LEARNING OPTIONS

-  Day
-  Evenings/Weekends
-  Online learning/Distance
-  Co-op available

## START DATE

-  Fall
-  Winter
-  Spring
-  Summer

## CREDENTIAL

-  Applied Degree
-  Baccalaureate Degree
-  Certificate
-  Diploma

## INTERNATIONAL AVAILABILITY

-  Open to International Students

## ENTRY ROUTE (FROM DIPLOMA)

### 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

# RELEVANT KNOWLEDGE REAL SKILLS REWARDING CAREERS

This is what we promise our students in business; health; trades; science, technology and environmental programs. We deliver on that promise every day.



PLEASE REFER  
TO LEGEND

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# YOU BELONG HERE

NAIT can help you achieve success, your way. In this Viewbook, you'll meet our students, explore our programs and discover our biggest advantage—practical, relevant education geared to success in the real world. What we offer both inside the classroom and out makes it possible to find the unique student experience that belongs to you.



# SMILE

When you choose NAIT you can breathe easy, knowing you're going to get real value, dynamic programs, a positive student experience and the kind of services that count. So get involved... get active... and smile!



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

Our small classes mean instructors will know your name and give you the kind of attention that makes all the difference. You'll benefit from tutorial services, study-skills workshops and career fairs that put students in direct contact with employers eager for their skills.

Another pleasant surprise: NAIT is affordable. Tuition for most programs is among the lowest of all urban post-secondary institutions in Alberta.

## CHEER ON THE OOKS

The Ooks had a sparkling year in 2012/13, filled with athletic success. In total, our teams brought home 12 ACAC medals (10 Gold, one Silver, and one Bronze) and seven CCAA medals (three Gold, one Silver and three Bronze).

► Whether you want to try-out for a team or cheer on our winning athletes from the stands, visit [nait.ca/athletics](http://nait.ca/athletics) to keep up with our sporting success. Go OOKS!



**Left:** The Ook doesn't only hang out at sports events – he catches up with students all over campus.

**Right:** Roberta Giroux, Electrician apprentice and 2012 scholarship recipient.

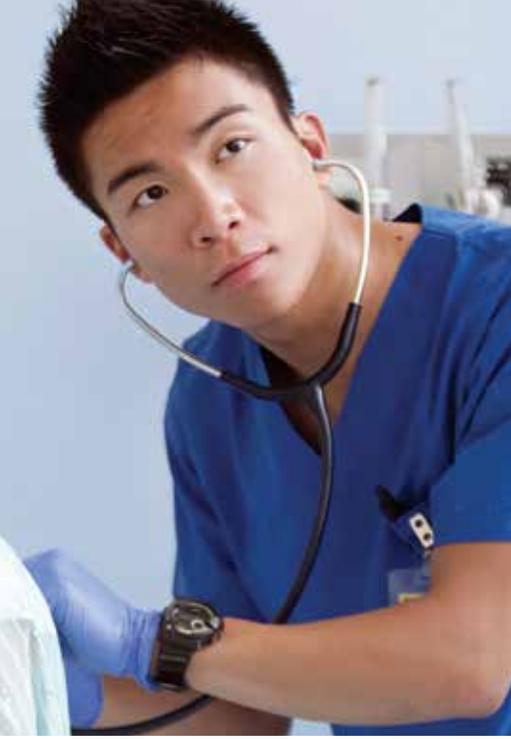
► Find out if there's a scholarship or bursary for you at [nait.ca/scholarships](http://nait.ca/scholarships)



# WE ARE ESSENTIAL TO ALBERTA

We promise relevant knowledge, real skills and rewarding careers to our students in business; health; trades and apprenticeship training; science, technology and environmental programs. We deliver on that promise every day.

As a leading polytechnic, NAIT offers hands-on, technology-based learning. We meet current and emerging needs with career-ready grads and applied research solutions. We are global competitors, essential to serving the needs of our communities. From this position, we're recognized at home and around the world.



## INVESTMENT IN OUR FUTURE

The construction of NAIT's Centre for Applied Technologies is a fundamental component in NAIT achieving its vision to be the most relevant and responsive post-secondary institution in Canada and one of the world's leading polytechnics. "This is a timely investment not only in NAIT, but in Alberta - one that will play an essential role in preparing the talented, highly skilled individuals needed to sustain and grow the province's economy," says Dr. Glenn Feltham, President and CEO. The Centre, which is expected to be complete for the 2016/17 academic year, will accommodate approximately 5,000 students in the areas of health, business, engineering technologies, and sustainable building and environmental management. It will include classrooms, simulation labs and a 135-seat lecture theatre.

► Watch a video at [nait.ca/campus2016](http://nait.ca/campus2016)



### NEXT STOP NAIT

Our students and staff will benefit greatly from a new way to access Main campus, with the opening of the NAIT LRT station in Spring 2014.

► For more on this exciting project, and how NAIT Alumni have played an essential role, check out the story on [page 33](#).



# CONNECT

Making connections. Isn't that what you expect from post-secondary education? Connections are valuable to learning and opportunity. Get connected to experiences that open your eyes and to people who make an impact.



## LUCKY FOR YOU, 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 need.

Our students discover exciting career opportunities and connect with instructors who care about their progress. The NAIT experience is rich with hands-on learning, new friends and campus activities that make for lasting memories.

### JOIN THE FUN

NAIT's Fall term kicks off the school year in true Ooks style with many Welcome Week activities. Students connect at street hockey games, test their skills in contests and showdowns and hang out at The Nest, our friendly campus pub and eatery. If you aren't starting your education in the Fall - don't worry, we welcome new students throughout the year. Getting to know your fellow students outside the classroom is easy. Joining a campus club, or visiting the NAIT Students Association website, is a great place to start.

► [nait.ca](http://nait.ca)



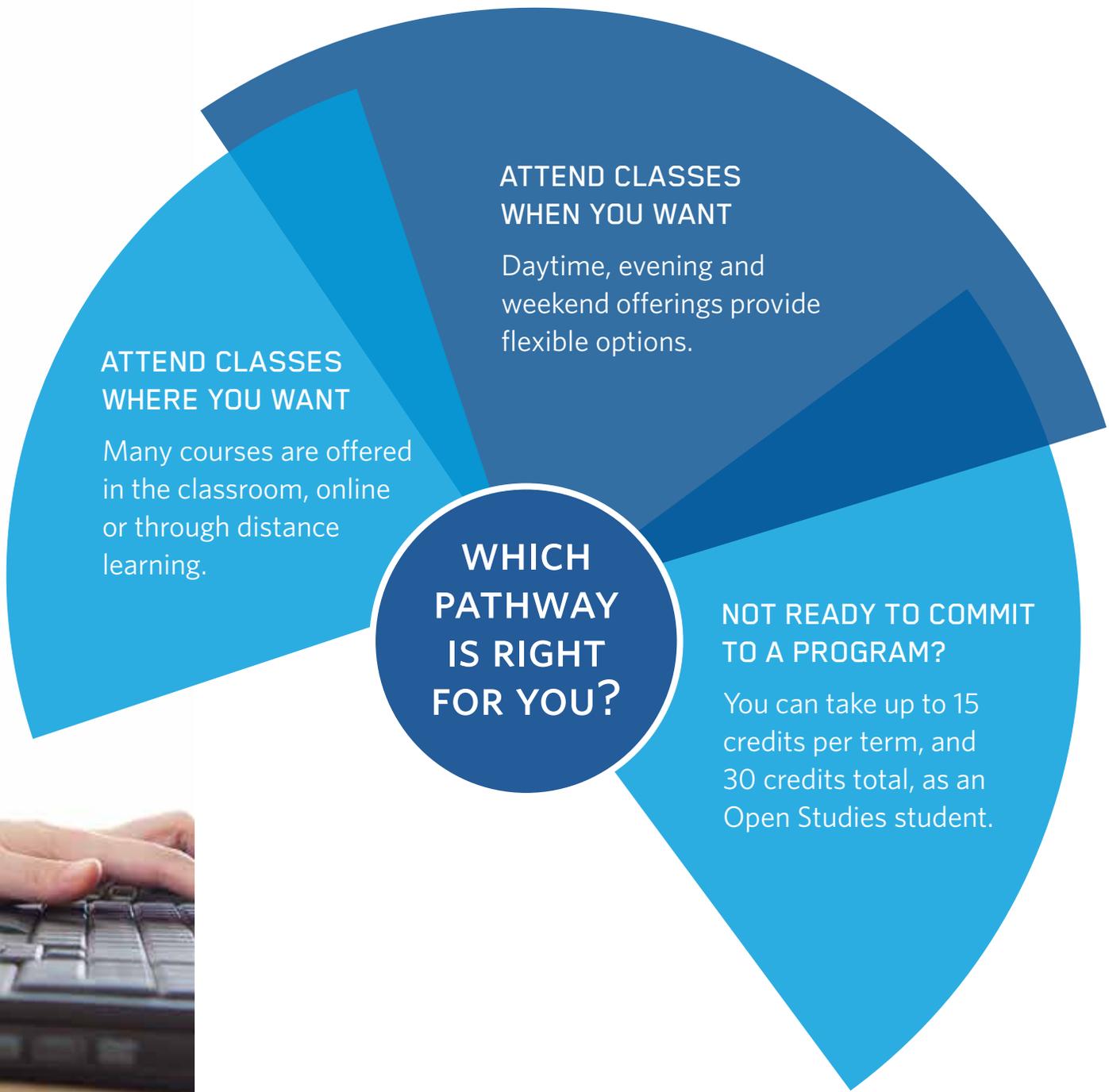
**Left:** Our staff care about their students, and many causes in the community. Team "NAIT Has Heart" rode the Big Bike to raise money for the Heart and Stroke Foundation.

**Right:** "Whether supporting students through difficult times, or providing opportunities for networking and connection, I will keep students as my number one priority." Jonathan Bilodeau, 2013/14 NAITSA President.



# FLEXIBLE PATHWAYS TO LEARNING

Choose the education pathway that's right for you. With a variety of study options there are many ways to accomplish your goals at NAIT.



**WHICH  
PATHWAY  
IS RIGHT  
FOR YOU?**

**ATTEND CLASSES  
WHERE YOU WANT**

Many courses are offered in the classroom, online or through distance learning.

**ATTEND CLASSES  
WHEN YOU WANT**

Daytime, evening and weekend offerings provide flexible options.

**NOT READY TO COMMIT  
TO A PROGRAM?**

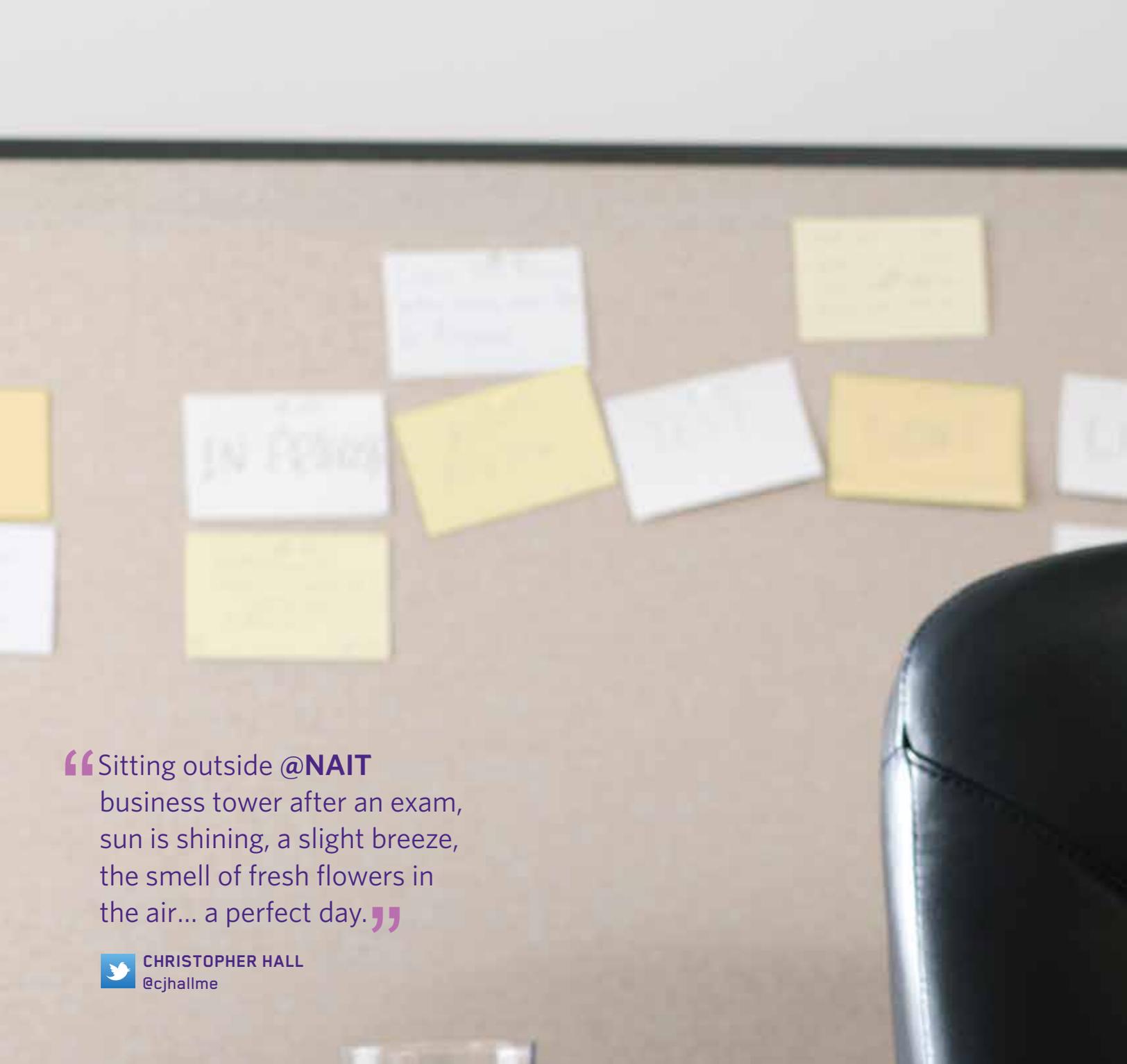
You can take up to 15 credits per term, and 30 credits total, as an Open Studies student.



**RECOGNITION OF PRIOR LEARNING**

NAIT recognizes that knowledge and skills are gained through a variety of methods, including life and work experiences. We are committed to supporting a community in which learners will receive appropriate recognition for prior learning, whether achieved through formal or informal training or through experience. Ask us about getting a prior learning assessment.

► [nait.ca/rpl](http://nait.ca/rpl)



“Sitting outside @NAIT business tower after an exam, sun is shining, a slight breeze, the smell of fresh flowers in the air... a perfect day.”

 CHRISTOPHER HALL  
@cjhallme

## BUSINESS + ADMINISTRATION

### LEADERSHIP POTENTIAL

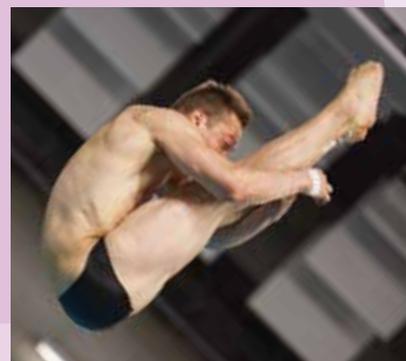
NAIT's JR Shaw School of Business creates tomorrow's leaders and entrepreneurs. Our flexible programs in accounting, finance, human resources, sales and marketing benefit from small class sizes and the latest technologies. We work with industry to solve real-world problems and build new ventures. Earn a diploma and a degree in just four years and get the hands-on training employers demand. Our programs build the next generation of skilled professionals and innovators.



## DIVE IN

A lot can happen in three seconds. That's roughly how long it takes NAIT Business Administration - Marketing student and competitive diver Cody Yano to complete his complex aerial acrobatics after launching himself off a springboard. In fact, he's gotten so good that he was Canada's only diver at the 27th Summer Universiade in Kazan, Russia in 2013. He reached the 3m springboard semi-final.

► [techlifemag.ca/yano.htm](http://techlifemag.ca/yano.htm)



## DEGREE PROGRAMS

### BACHELOR OF BUSINESS ADMINISTRATION (BBA)

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,400 PER YEAR



Business and information technology are 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 IT 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. Enhanced critical thinking, communication and teamwork skills are also key learning outcomes.

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 successfully completing 60 credits (20 courses), and earn the BBA after completing an additional 60 credits (20 courses). There are multiple entry points throughout the program for new and transfer students, diploma graduates and international students. Flexible course pathways for full-time, part-time, day, evening and online studies are available throughout the year.

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 for professional accounting, finance, management and marketing designations, including the CPA, CA, CMA, CGA, CFP, CIM or licensing programs such as CSC and LLQP). BBA graduates are also eligible to write national designation exams including CHR.P.

[nait.ca/programs/bba](http://nait.ca/programs/bba)

### BACHELOR OF APPLIED BUSINESS ADMINISTRATION - ACCOUNTING

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,100 PER YEAR



This applied degree develops a combination of advanced accounting expertise and management skills. The program includes two academic terms and two directed field study (DFST) terms, where students are employed in the accounting field. DFST courses link academic work with workplace experiences. Each DFST course involves a research paper and a presentation.

DFST terms are January to April, May to August, and September to December.

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

[nait.ca/programs/ada](http://nait.ca/programs/ada)

### BACHELOR OF APPLIED BUSINESS ADMINISTRATION - FINANCE

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,000 PER YEAR



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 may include courses in financial planning, the Canadian Securities Course, ethics, critical reading and writing, e-commerce and more. Two work-integrated learning semesters, called Directed Field Studies (DFST), follow. DFST semesters 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 recognized business diploma to enter this program.

[nait.ca/programs/adf](http://nait.ca/programs/adf)

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## BUSINESS ADMINISTRATION DIPLOMA PROGRAMS

TUITION & FEES: COST PER CREDIT - \$175; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$586; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,600 - \$2,700 PER YEAR



### BBA ADA BBF

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. Each of the five diploma programs are 60 credits (20 courses). Twelve foundational business courses are common to all diplomas and the remaining eight courses are specific to the student's chosen area of emphasis.

#### 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, strategy and governance, audit and assurance, corporate finance and taxation.

Many graduates continue their education in the BBA or Bachelor of Applied Business Administration - Accounting programs; others start careers in a wide range of government organizations, private or public corporations, or not-for-profit companies.

[nait.ca/programs/acc](http://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.

[nait.ca/programs/fin](http://nait.ca/programs/fin)

#### BUSINESS ADMINISTRATION - HUMAN RESOURCE MANAGEMENT

The Human Resource Management program is designed to provide students with the knowledge, skills and abilities to create value in organizations by optimizing the application of 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.

[nait.ca/programs/hrm](http://nait.ca/programs/hrm)

#### BUSINESS ADMINISTRATION - MANAGEMENT

The Management program is designed to equip students with the knowledge, skills and abilities to promote organizational success and competitiveness. Students will be exposed to proven management strategies, practices and techniques, and then apply those tools in both simulated and real-world situations. Students are prepared to add immediate value in corporate, public sector or entrepreneurial environments. Grads may choose to use their diploma as a stepping stone to a BBA degree.

[nait.ca/programs/man](http://nait.ca/programs/man)

#### BUSINESS ADMINISTRATION - MARKETING

Smart marketing has the power to engage customers, build recognized brands, and drive revenue. Through practical, hands-on learning, the Marketing program prepares students to apply concepts such as sales and advertising to create, communicate and deliver value for customers and organizations. Graduates have career flexibility in a range of fields. The Marketing diploma is a natural step towards a BBA degree.

[nait.ca/programs/mar](http://nait.ca/programs/mar)

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## APPLIED BANKING AND BUSINESS

TUITION & FEES: COST PER CREDIT - \$175; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$586; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,000 PER YEAR



This certificate provides training for entry-level positions in banks and other financial institutions. Students learn to be accurate and provide professional customer service, while studying core business curriculum. A work placement at a financial institution completes the training (students must be bondable and eligible to work in Canada to undertake this component). Graduates are eligible to progress to a NAIT Business Administration diploma.

[nait.ca/programs/abb](http://nait.ca/programs/abb)

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## CAPTIONING AND COURT REPORTING

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,540 YEAR 1, \$1,210 YEAR 2



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).

[nait.ca/programs/cor](http://nait.ca/programs/cor)



# HOSPITALITY + CULINARY

## COOKING WITH CLASS

Students master innovative cooking techniques under the expert instruction of 2013's Chef in Residence Chris Cosentino (inset). NAIT launched the Hokanson Chef in Residence program in 2009, the first of its kind in Canada. The program provides students in the NAIT School of Hospitality and Culinary Arts with the rare opportunity to learn first-hand from some of the best chefs in the world.

► Check out our Culinary Arts Playlist at [youtube.com/naitvideos](https://youtube.com/naitvideos)





## INTERNATIONAL ACHIEVERS

Culinary Team NAIT returned from the Hong Kong International Culinary Classic 2013 with a record 20 medals. "This was the first international competition for this team and I am absolutely thrilled with the results," said Vinod Varshney, team manager and program chair at NAIT's School of Hospitality and Culinary Arts. Student team members earned four gold, eight silver and eight bronze medals - more medals than any other team at this year's competition.

### BAKING

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,040



This certificate focuses on the art and science of bread, bun, 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 ingredient functions, business procedures, food sanitation, nutrition, communications and trade calculations, and concludes with a three-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.

[nait.ca/programs/bak](http://nait.ca/programs/bak)

### CULINARY ARTS

TUITION & FEES: COST PER CREDIT - \$201; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$673; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,450 YEAR 1, \$1,300 YEAR 2



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. 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.

[nait.ca/programs/cua](http://nait.ca/programs/cua)

### HOSPITALITY MANAGEMENT

TUITION & FEES: COST PER CREDIT - \$190; TUITION CAP - \$2,596  
INTERNATIONAL: COST PER CREDIT - \$577; TUITION CAP - \$6,082  
BOOKS & SUPPLIES (EST) - \$1,500 PER YEAR



#### BTECH BBA

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.

[nait.ca/programs/hos](http://nait.ca/programs/hos)

### PROFESSIONAL MEAT CUTTING AND MERCHANDISING

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$740



Graduates of this 18-week certificate program (15 weeks in class, three weeks of practical experience) 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.

[nait.ca/programs/rmc](http://nait.ca/programs/rmc)



“Our vision is to drive the evolution of health care education and we invite you on our journey.”

– ELLEN HUGHES, BSC (MLT), MED  
Dean, School of Health Sciences

## HEALTH + SAFETY

### BREATHE EASY

Hands-on education is synonymous with NAIT and essential for Respiratory Therapy students. Graduates become life-supporting, life-enhancing professionals dedicated to the diagnosis and therapy associated with heart and lung disorders. Career options are diverse, from hospitals and clinics to labs and home care companies. In 2012, 100 per cent found employment within a year of graduation, at an average salary of \$70,000.



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## ANIMAL HEALTH TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,520 YEAR 1, \$1,390 YEAR 2



### BTECH

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.

Graduates start careers with veterinarians, animal laboratories, government agencies, breeding farms and zoos.

[nait.ca/programs/aht](http://nait.ca/programs/aht)

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## COMBINED LABORATORY AND X-RAY TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
BOOKS & SUPPLIES (EST) - \$3,500 YEAR 1, \$530 YEAR 2



### BTECH

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 40 weeks of clinical training at affiliated rural health-care facilities.

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

[nait.ca/programs/clx](http://nait.ca/programs/clx)

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## CYTOTECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
BOOKS & SUPPLIES (EST) - \$1,620 YEAR 2



### BTECH

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. Students complete three 15 week terms at NAIT followed by 49 weeks of clinical training at a training centre in the Edmonton region or Calgary. Please note: the program starts in alternating years only. Students will begin in fall 2014, fall 2016, etc.

Graduates start careers in hospitals, private medical laboratories, research labs and pharmaceutical companies.

[nait.ca/programs/cyt](http://nait.ca/programs/cyt)

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## POSITIVE PARTNERSHIPS

Work integrated learning with NAIT's industry partners is built into health programs such as Magnetic Resonance Imaging. Established in 2001 and the first of its kind in Alberta, NAIT's MRI program teaches students how to use diagnostic imaging equipment. The industry experience provides access to state-of-the-art equipment under the supervision of experienced professionals.

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## DENTAL ASSISTING

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,224



### BTECH

The Dental Assisting Technology diploma program provides comprehensive education to meet the needs and expectations of the dental community. Students will learn co-operative and independent chairside skills. Additionally, students will learn infection prevention and control protocols, preventive patient care procedures, dental sciences, emergency preparedness and practice administration. Students will apply knowledge and skills in authentic simulation and patient situations. Inclusion of the skills of limited scaling and orthodontics provides for immediate registration in all provincially licensed procedures.

Graduates exhibit excellent communication and organizational skills; they think critically, adapt quickly and manage change easily. A NAIT dental assisting graduate is dedicated to lifelong learning and understands the importance of continued professional education.

The program is accredited by the Commission on Dental Accreditation of Canada. Program graduates are employed in general and specialty practice, community health, dental sales, dental insurance administration, institutions and educational settings.

[nait.ca/programs/dea](http://nait.ca/programs/dea)

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## DENTAL TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,890 YEAR 1, \$1,700 YEAR 2



### BTECH

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 orofacial anatomy, infection prevention and control, preparation for patient care and interprofessional dental education.

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

[nait.ca/programs/dlt](http://nait.ca/programs/dlt)





## GIVING AND LEARNING

NAIT is the only collection site in Alberta for the Canadian Animal Blood Bank. This year, we benefited from the generosity of the Edmonton Police Service's Canine Unit. Seven police dogs each donated a unit of blood to help address a chronic shortage of canine blood supplies. In addition to helping dogs, NAIT's Animal Blood Bank provides students in the Animal Health Technology and Veterinary Medical Assistant programs with essential, hands-on experience.

### DENTURIST TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
 INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
 BOOKS & SUPPLIES (EST) - \$4,330 YEAR 1, \$705 YEAR 2, \$5,270 YEAR 3



#### BTECH

This three-year program prepares students to assess, diagnose, design, fabricate and insert complete and partial dentures as well as 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.

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

[nait.ca/programs/det](http://nait.ca/programs/det)

### DIAGNOSTIC MEDICAL SONOGRAPHY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
 BOOKS & SUPPLIES (EST) - \$3,350 YEAR 1, \$810 YEAR 2, \$1,620 YEAR 3



#### BTECH

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 sonographic studies. Students participate in clinical rotations in locations throughout Alberta and elsewhere.

Graduates are in high demand for careers in hospitals and community clinics.

[nait.ca/programs/dms](http://nait.ca/programs/dms)

### EMERGENCY MANAGEMENT

TUITION & FEES: COST PER CREDIT - \$183; TUITION CAP - \$2,750  
 INTERNATIONAL: COST PER CREDIT - \$430; TUITION CAP - \$6,463  
 BOOKS & SUPPLIES (EST) - \$330



The Emergency Management Program will give you the skills necessary to ensure your organization can respond to major emergencies and disasters effectively. This diploma program includes 19 online courses and one practicum. Comprehensive course work covers the full range of the mitigation, preparedness, response and recovery phases of emergency and disaster management.

[nait.ca/em](http://nait.ca/em)

#### INDUSTRIAL EMERGENCY MANAGEMENT

TUITION & FEES: COST PER CREDIT - \$183; TUITION CAP - \$2,750  
 INTERNATIONAL: COST PER CREDIT - \$430; TUITION CAP - \$6,463



Emergency Management practitioners need to have knowledge and skills in several key areas to ensure their organization is prepared and can respond effectively to major emergencies and disasters. This program addresses the central aspects of emergency preparedness and response: risk analysis, physical security, planning, emergency exercises and managing the emergency response.

[nait.ca/programs/iem](http://nait.ca/programs/iem)

#### PUBLIC SECTOR EMERGENCY MANAGEMENT

TUITION & FEES: COST PER CREDIT - \$183; TUITION CAP - \$2,750  
 INTERNATIONAL: COST PER CREDIT - \$430; TUITION CAP - \$6,463



Public Sector Emergency Managers provide leadership to communities and organizations at all phases of the Emergency Management cycle. This program builds skills in the areas of mitigation, development and maintenance of emergency plans, managing the emergency response, community disaster recovery and building emergency resilient communities.

[nait.ca/programs/psem](http://nait.ca/programs/psem)

## EMERGENCY MEDICAL SERVICES PROGRAMS

Pre-hospital 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. The programs have been designed by health-care professionals to train emergency medical services personnel to assess and treat sick and injured patients in a fast-paced, physically demanding atmosphere.

### EMERGENCY MEDICAL RESPONDER (EMR)

TUITION & FEES: COST PER CREDIT – \$116; TUITION CAP – \$1,162  
BOOKS & SUPPLIES (EST) – \$810



NAIT's EMR training provides an entry point into the EMS field, or can be a rewarding career on its own. Essential members of the emergency medical system, Emergency Medical Responders are increasingly in demand by industry, police and fire services, and may be the sole providers of emergency medical care in rural or remote areas.

Theoretical components of the course can be completed by face-to-face classroom training or a blend of classroom and correspondence study. A mandatory practical component takes place on Main campus. New students are accepted on a monthly basis.

Students who successfully complete the course are eligible to write the Alberta College of Paramedics provincial exam.

[nait.ca/emr](http://nait.ca/emr)

### EMERGENCY MEDICAL TECHNICIAN (EMT)

TUITION & FEES: COST PER CREDIT – \$305; TUITION CAP – \$5,185  
BOOKS & SUPPLIES (EST) – \$1,250



The EMT program, accredited by the Canadian Medical Association, delivers theoretical components complemented by hands-on training, providing students with practical skills and realistic experience in the emergency medical care industry.

To enter EMT, students must have first completed the EMR course and an EMT Student Assessment, consisting of a written exam, practical testing and interview.

Provincial and national competencies are taught through lecture, self-study and extensive labs. Practicum placements in hospitals and ambulances follow completion of the theory component. Students who successfully complete the course are eligible to write the Alberta College of Paramedics provincial exam.

[nait.ca/emt](http://nait.ca/emt)

### EMERGENCY MEDICAL TECHNOLOGY – PARAMEDIC (EMT-P)

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$3,690 YEAR 1, \$1,920 YEAR 2



#### BTECH

The Paramedic program is an advanced-care level diploma accredited by the Canadian Medical Association. Entering students must have already completed Emergency Medical Responder (EMR) and Emergency Medical Technician (EMT) training.

The program involves the study of human anatomy and physiology, diagnosis and treatment of patients in a variety of medical and trauma emergencies, advanced procedures in emergency care, emergency equipment and mobile communication systems. Physical conditioning is also emphasized. Paramedic training is provided through facilities at NAIT, active treatment hospitals, advanced life support ambulance services and other allied emergency services. The final semester features both ambulance and hospital practicums.

[nait.ca/programs/emt](http://nait.ca/programs/emt)

## MAGNETIC RESONANCE

TUITION & FEES: COST PER CREDIT – \$204; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$3,560 YEAR 1, \$1,430 YEAR 2



#### BTECH

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, students participate in clinical rotations throughout Alberta and Saskatchewan.

Graduates are in demand by hospitals and clinics.

[nait.ca/programs/mag](http://nait.ca/programs/mag)

## RESPONSIVE AND RELEVANT

After serving with the Canadian Forces, including a tour of duty in Afghanistan, Darren Astels was looking for a new career. With the support of his family, the Emergency Medical Responder returned to NAIT and enrolled in the Emergency Medical Technician program. The theoretical components and the hands-on, practical approach of instructors gave Darren the skills and knowledge to provide care to patients on the ground and in transit.





## FEEL GOOD FOOD

NAIT Food Services has developed a home-grown Crave – Feel Good Food program, that takes the guesswork out of nabbing nutritious meals on campus. Foods have been analyzed for their calorie, fat, sodium, fibre and sugar content. Each Monday, students look out for the Crave feature of the Week. On Wellness Wednesdays, a tempting Crave meal is offered from the Big Pan/Blue Plate area of the Common Market.

## MAGNETIC RESONANCE IMAGING 2ND DISCIPLINE

TUITION & FEES: COST PER CREDIT – \$204; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$538



This post-diploma certificate program provides additional skills for those who already hold a diploma in medical radiology, nuclear medicine, radiation therapy, ultrasound or combined laboratory and x-ray. Studies include six online courses, followed by a 16-week clinical practicum. Students are allowed three years to complete the program, and will be eligible to write the Canadian Association of Medical Radiation Technologist MRI certification exam on completion. The program is fully accredited by the Canadian Medical Association.

[nait.ca/mri](http://nait.ca/mri)

## MEDICAL LABORATORY ASSISTING

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$3,480



Medical Laboratory Assisting is a great way to become a medical professional in a short amount of time. The program consists of 15 weeks of training at NAIT followed by a seven-week clinical experience in a medical laboratory. Through a combination of theory, lab and online venues, students learn to safely perform procedures such as phlebotomy, electrocardiography, urinalysis, specimen sorting, how to use a laboratory information system and how to prepare samples for microbiology, histology and cytology. Emphasis is on safety, professionalism and knowledge of the human body to ensure students have a comprehensive foundation to start their career.

Graduates are employed in hospitals, private clinical laboratories, community health centers, insurance companies and help with research projects.

[nait.ca/programs/mla](http://nait.ca/programs/mla)

## MEDICAL LABORATORY TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$2,450 YEAR 1, \$630 YEAR 2



### BTECH

Accredited by the Canadian Medical Association, this program focuses on the analysis of human blood and body fluids for microorganisms, cellular and bio-chemical components. Compatibility testing of blood and blood products, preparation of tissue samples for microscopic examination and molecular diagnostics are also covered. Students learn quality control/assurance practices and instrument maintenance procedures. The second year involves a 38-week clinical practice at an affiliated training centre in central/northern Alberta.

Graduates work in hospitals, public and private medical laboratories, research and industrial laboratories and pharmaceutical companies.

[nait.ca/programs/mlt](http://nait.ca/programs/mlt)

## MEDICAL RADIOLOGIC TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
BOOKS & SUPPLIES (EST) – \$4,570 YEAR 1, \$180 YEAR 2



### BTECH

By combining academic study with clinical 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 applied health research, radiographic imaging of chest, abdomen and the appendicular skeleton, image acquisition and quality management, patient management and legislated safety. This program is accredited by the Canadian Medical Association.

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

[nait.ca/programs/mrt](http://nait.ca/programs/mrt)

## MEDICAL TRANSCRIPTION

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,500



Medical transcriptionists contribute to the health, safety and well-being of clients by creating accurate and timely medical documentation. Students learn how to maintain health information utilizing innovative technologies and transcription, editing and communication skills. They also learn to apply a broad knowledge of medicine including medical terminology, anatomy and physiology, pharmaceuticals and diagnostic tests. As health-care documentation specialists, medical transcriptionists demonstrate confidentiality, professionalism and sensitivity as part of the healthcare team.

[nait.ca/programs/mtr](http://nait.ca/programs/mtr)

## OCCUPATIONAL HEALTH AND SAFETY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$4,403  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$14,750  
BOOKS & SUPPLIES (EST) - \$2,950 YEAR 1, \$1,240 YEAR 2



### BTECH

Students develop the knowledge and technical skills required to create, implement and evaluate corporate health and safety programs and systems focused on the prevention of occupational injury, illness and loss. Practical training teaches students to manage the impact of biological, physical, chemical and ergonomic hazards. A mandatory co-op work term takes place in the summer between the first and second years of the program.

This is the only full-time program for occupational health and safety education in Alberta. It is recognized by the Board of Canadian Registered Safety Professionals (BCRSP). Graduates exceed the BCRSP's formal education requirement, one of three requirements necessary to challenge the national exam for certification as a Canadian Registered Safety Professional.

[nait.ca/ohs](http://nait.ca/ohs)

## OPTICAL SCIENCES

### EYEGLASSES DIPLOMA

TUITION & FEES: COST PER CREDIT - \$80; TUITION CAP - \$1,400  
INTERNATIONAL: COST PER CREDIT - \$268; TUITION CAP - \$4,690  
BOOKS & SUPPLIES (EST) - \$640



The ability to dispense eyeglasses is a specialized skill. The Optical Sciences - Eyeglasses diploma helps those who are already employed within the optical industry work toward their goal of becoming a licensed optician. Theory courses, taken online, are complemented by 2,000 hours of practicum supervised by a qualified person in the workplace.

After successfully completing the program, graduates can apply to write the National Association of Canadian Optician Regulators exam. After passing the licensing exam, students can continue their studies to earn a certificate in Optical Sciences - Contact Lenses.

[nait.ca/optical](http://nait.ca/optical)

### ADVANCED PRACTICE CONTACT LENSES CERTIFICATE

TUITION & FEES: COST PER CREDIT - \$118; TUITION CAP - \$1,505  
INTERNATIONAL: COST PER CREDIT - \$395; TUITION CAP - \$5,042  
BOOKS & SUPPLIES (EST) - \$490



This certificate is open only to those who are already registered opticians. In addition to two years of theory, delivered online, students complete four levels of practicum practice. Graduates can apply to write the National Association of Canadian Optician Regulators licensing exam.

[nait.ca/optical](http://nait.ca/optical)

“#proudtobeanook as I know the future is bright for me and my classmates in my program at #NAIT the people, instructors, atmosphere.”

 ADAM GILMORE  
@gilmore03

## KEEPING IT REAL

Hands-on simulation exercises are a key part of NAIT's Health Sciences programs. These exercises provide a bridge between classroom theory and clinical experience. In simulated conditions, students experience some of the challenges and unpredictability of real-world situations in a safe environment before their practicums begin. Simulation activities provide a more active, in-depth learning experience for students, while providing valuable lessons in improved patient safety and care.





## FIT FOR LIFE

Whether your goal is your own personal training business or a career at recreation facilities, a Personal Fitness Trainer diploma is your ticket. It's all about tailoring the workout to the fitness levels of clients. NAIT trainer Amy Pysar, for example, has developed a total-body workout for the outdoors. "In Edmonton you have just a few months of nice weather; might as well make the most of it."

► [techlifemag.ca/outdoor-workout.htm](http://techlifemag.ca/outdoor-workout.htm)

## PERSONAL FITNESS TRAINER

TUITION & FEES: COST PER CREDIT - \$144; TUITION CAP - \$2,103  
INTERNATIONAL: COST PER CREDIT - \$482; TUITION CAP - \$7,045  
BOOKS & SUPPLIES (EST) - \$1,400 YEAR 1, \$1,600 YEAR 2



### BTECH

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 counseling
- communication and leadership; business management and marketing practices

Graduates are eligible to take examinations for credentials offered by the Canadian Society for Exercise Physiology, the National Strength and Conditioning Association, and the National Academy of Sports Medicine. They begin careers in private fitness centers and public recreation facilities, or as entrepreneurs with their own clients.

[nait.ca/programs/pft](http://nait.ca/programs/pft)

## RESPIRATORY THERAPY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,705 YEAR 1, \$1,800 YEAR 2, \$1,300 YEAR 3



### BTECH

Respiratory Therapists are highly specialized and skilled allied health-care professionals. Students in this program will 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, will 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.

[nait.ca/programs/ret](http://nait.ca/programs/ret)

## VETERINARY MEDICAL ASSISTANT

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,565



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
- animal handling and restraint
- effective communications, customer service and client relations.

Completion of this certificate gives credit for common courses in NAIT's Animal Health Technology diploma as well as credit for 40 hours of work related experience.

[nait.ca/programs/vaa](http://nait.ca/programs/vaa)

“I found the willingness of the support staff and instructors to help me refreshing and beneficial to my progress as a student.”

– CHARITY LEROUX  
Optical Sciences '07

“People who want to contribute in a broader sense can get involved, make change and build their community.”

– NOLAN CROUSE  
Chemical Technology '74



## ENVIRONMENTAL MANAGEMENT

### FOR PEAT'S SAKE

Dr. Bin Xu has been named the first NSERC Research Chair in Peatland Restoration at NAIT's Boreal Research Institute in Peace River. Xu's research, made possible by an NSERC grant, includes finding practical, cost-effective techniques to reclaim in situ oil and gas drilling sites and restore the carbon-storing function of peatland ecosystems. Xu has previously worked on reclamation projects in Alberta and Eastern Canada.





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## ALTERNATIVE ENERGY TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$2,717  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$9,102  
BOOKS & SUPPLIES (EST) - \$1,450 PER YEAR



### BTECH

The Alternative Energy Technology program trains students on the design and application of a number of high-tech solutions to meet society's growing energy needs in a sustainable fashion. Graduates will help corporations, organizations and municipalities fulfill sustainability mandates in an effective and economical manner, considering the best options on the basis of project location, environmental impact, economics and alignment with the organization's core values. State-of-the-art equipment allows for technical training on renewable energy systems such as solar electric, solar thermal, geothermal, wind, hydro and bioenergy, as well as other non-conventional energy systems (e.g. cogeneration). Given their highly technical training, graduates are sought by engineering, architectural and renewable energy design-build firms, as well as sustainability offices.

[nait.ca/programs/alt](http://nait.ca/programs/alt)

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## BIOLOGICAL SCIENCES TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,650 - \$3,340 PER YEAR



### BTECH

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, microbiology and genetics, chemistry, communications, ethics, lab techniques and statistics.

#### 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.

[nait.ca/programs/bse](http://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 are all topics of study in the Renewable Resources program specialization. Graduates are valued by environmental and natural resources consulting firms, government and wildlife research agencies and the oil and gas industry.

[nait.ca/programs/bsr](http://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 microbiology. Graduates work in forensics, biological and medical research, as well as in the pharmaceutical, biotechnology, agricultural and food quality industries.

[nait.ca/programs/bsl](http://nait.ca/programs/bsl)

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## CHEMICAL TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,880 PER YEAR



### BTECH

As a graduate of the Chemical Technology Program, you will typically work in a lab environment. You will be prepared to make professional contributions to the petroleum, environmental, petrochemical, pharmaceutical, pulp and paper, mining, metallurgical, research and development, food, agricultural or forensic sectors.

Graduates safely operate analytical instrumentation and process equipment essential to their employers. You will work in a technically challenging, dynamic and team-based environment demonstrating critical thinking and problem solving skills, mechanical aptitude and the ability to multitask. This expertise is attractive to employers worldwide.

[nait.ca/programs/cht](http://nait.ca/programs/cht)

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## FOREST TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,075 YEAR 1, \$1,810 YEAR 2



### BTECH

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 wildfire and watershed management, reclamation, GPS/GIS technology, reforestation planning and supervision, green technologies (bio energy), wildlife and plant identification, entomology, harvest and planning operations.

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 within government agencies, forest industry, oil and gas, utilities, consulting firms, research agencies, conservation groups and private landowners.

[nait.ca/programs/fot](http://nait.ca/programs/fot)

## GEOLOGICAL TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,010 YEAR 1, \$1,825 YEAR 2



### BTECH

This nationally-accredited program focuses on earth sciences' relationship to oil/gas and mineral exploration, and environmental management (groundwater protection and soil/groundwater remediation). After a common first year, students choose one of the two specializations described below and gain valuable work experience in a two week industry Field Placement. Field schools are integral components of the second year specializations.

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

[nait.ca/programs/gtn](http://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 in order to identify potential resource deposits.

“When you finally find what it is that you're meant to do, the joy and fun start.”

– JAN TOLLENAAR

Biological Sciences – Environmental Sciences '87

## LANDSCAPE ARCHITECTURAL TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,030 YEAR 1, \$1,100 YEAR 2



### BTECH

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.

[nait.ca/programs/lat](http://nait.ca/programs/lat)

## WATER AND WASTEWATER TECHNICIAN

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,350



Graduates 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 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.

[nait.ca/programs/wwt](http://nait.ca/programs/wwt)



## GREENING ALBERTA

Faculty members from Biological Sciences Technology and their students are investigating strategies to reduce environmental pressures on the Sturgeon River watershed in Central Alberta. This project, which began in early 2010, brings together multiple stakeholders to look at habitat quality and land use in the area.



# BUILDING CONSTRUCTION + DESIGN

## BUILDING BETTER FUTURES

NAIT students and staff have donated over 2,000 work days and 15,000 work hours to Habitat for Humanity since 2006. Students and faculty members from Construction Engineering Technology, Landscape Architectural Technology, Interior Design and Culinary Arts have worked on affordable homes, renovated Habitat's offices and worked in its retail stores (reStore) - wherever they are needed most in the community.



## ARCHITECTURE AT WORK

Second-year NAIT student, Michael Gross, won the third annual Architectural Technology Design Contest in 2013, sponsored by the Canadian Western Bank Group. NAIT students were asked to create design concepts for CWB Group's existing bank in Abbotsford, BC, providing ideas on what the branch could look like. The entries were judged based on concept, aesthetics, functionality, sustainability and corporate identity.

### ARCHITECTURAL TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,820 YEAR 1, \$1,400 YEAR 2



#### BTECH

Students 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.

[nait.ca/programs/arc](http://nait.ca/programs/arc)

### BUILDING ENVIRONMENTAL SYSTEMS TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$715



#### BTECH

To be accepted into this second-year program, students must have completed the one-year HVAC Specialist certificate program (see page 40) 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.

[nait.ca/programs/bes](http://nait.ca/programs/bes)

### CONSTRUCTION ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,250 YEAR 1, \$1,700 YEAR 2



#### BTECH

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 superintendents with a wide range of firms in the construction sector.

[nait.ca/programs/con](http://nait.ca/programs/con)

### INTERIOR DESIGN TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,540 YEAR 1, \$1,600 YEAR 2



#### BTECH

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.

[nait.ca/programs/idt](http://nait.ca/programs/idt)



# ENGINEERING TECHNOLOGIES

## **START SMALL, THINK BIG**

NAIT's Nanotechnology Systems program teaches students to make electronics tinier than a spider web strand, for industry and health care. Combined with an on-campus lab known as a clean room—a space 10 times cleaner than an operating theatre—graduates of this diploma program are helping Alberta make a big impact in this science of the small.



## MANAGERS IN THE MAKING

Alisha Lewis and her teammates tied for first place in the 2013 Capstone Applied Research Symposium. Capstone is a Dragons' Den-style showdown, which completes NAIT's BTech in Technology Management program. Students create solutions for clients, with the top four teams winning cash prizes. Alisha's team project for health client iTraumaCare worked to improve a first-response clamp used on potentially fatal chest wounds.

## BACHELOR OF TECHNOLOGY IN TECHNOLOGY MANAGEMENT (BTECH)

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,400 PER YEAR



NAIT's Bachelor of Technology is the only degree of its kind in Alberta. It offers graduates of recognized two-year applied science, health science and engineering technology diploma programs the opportunity to earn a baccalaureate degree in as little as two additional years of study.

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 multi-media communications
- staffing and supervision.

Studies can begin in September, November, January, April, May, or June. Please check the BTech website for a schedule of individual courses.

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

[nait.ca/btech](http://nait.ca/btech)

## BIOMEDICAL ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,760 YEAR 1, \$1,240 YEAR 2



BTECH

The health-care industry is critically dependant on sophisticated medical diagnostic and therapeutic equipment. Biomedical Engineering Technologists provide the installation, configuration, maintenance

and repair of these systems. In addition, Biomedical Engineering Technologists participate in the investigation of equipment-related incidents, the specification and selection of new equipment and operational troubleshooting.

This nationally-accredited program provides specialized training in electronics, microcontroller programming, biomedical instrumentation, x-ray and diagnostic imaging equipment, medical laboratory instrumentation, and medical equipment networking. Studies also include anatomy and physiology, project management, and the regulatory requirements for medical equipment maintenance.

Career opportunities include technologist positions with public hospital Clinical Engineering or Biomedical Engineering departments, and field service technologist positions with medical device manufacturers and distributors.

[nait.ca/programs/bet](http://nait.ca/programs/bet)

## CHEMICAL ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,683  
BOOKS & SUPPLIES (EST) - \$2,560 YEAR 1, \$1,225 YEAR 2



BTECH

The focus of this nationally-accredited program is on hydrocarbon and chemical processing, upgrading of heavy oil and bitumen, and pipeline operations. 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 valuable work experience in a two-week industry Field Placement after their first year and apply equipment optimization and process trouble-shooting skills during a one-week training session at the Enform Oil and Gas Production Facility in Nisku in second year.

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

[nait.ca/programs/cmt](http://nait.ca/programs/cmt)

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## CIVIL ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,275 YEAR 1, \$790 YEAR 2



### BTECH

Students 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.

[nait.ca/programs/civ](http://nait.ca/programs/civ)

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## ELECTRICAL ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,611 YEAR 1, \$1,345 YEAR 2



### BTECH

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.

[nait.ca/programs/elt](http://nait.ca/programs/elt)

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## ENGINEERING DESIGN AND DRAFTING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,565 YEAR 1, \$865 YEAR 2



### BTECH

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.

[nait.ca/programs/edd](http://nait.ca/programs/edd)

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## GEOMATICS ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,875 YEAR 1, \$675 YEAR 2



### BTECH

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).

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

[nait.ca/programs/get](http://nait.ca/programs/get)

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## INSTRUMENTATION ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,170 YEAR 1, \$1,000 YEAR 2



### BTECH

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.

[nait.ca/programs/iet](http://nait.ca/programs/iet)

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## MATERIALS ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,170 YEAR 1, \$1,000 YEAR 2



### BTECH

Materials Engineering Technologists select, apply and evaluate engineering materials in order to perform such tasks as corrosion surveys, integrity inspections, research design, fabrication and weld inspection. Students learn to conduct themselves professionally to interpret, evaluate and utilize technical data and effectively communicate results through written and oral communications.

A wide range of employment opportunities exist in industries such as petrochemical, mining, power generation, manufacturing, inspection, quality assurance/management, environmental, research laboratories, construction, corrosion maintenance, sales and purchasing. Graduates are eligible for national accreditation as Engineering Technologists.

[nait.ca/programs/met](http://nait.ca/programs/met)

## MECHANICAL ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,875 YEAR 1, \$1,060 YEAR 2



### BTECH

This nationally- accredited program emphasizes engineering fundamentals combined with high-tech equipment and analysis techniques. The program provides the flexibility and portability of skills required by mechanical engineering technologists. Design concepts, process planning and analysis techniques are studied and students receive sound supporting theory from courses such as Dynamics, Design of Machine Elements, Drafting and CAD, Plant Engineering and others.

Students partake in various group projects to create designs, shop layouts and productivity solutions. Prospective students usually combine an appreciation for engineering principles with a strong leaning towards creativity and practicality.

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

[nait.ca/programs/mec](http://nait.ca/programs/mec)

## NANOTECHNOLOGY SYSTEMS

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,210 YEAR 1, \$1,485 YEAR 2



### BTECH

Nanotechnology is the technology of very small components which can be found in society's everyday uses, ranging from smart phones to sunscreen. Some companies that use nanotechnology include L'Oréal, 3M, Bayer and Intel.

Graduates of the Nanotechnology Systems program are multidisciplinary technologists that work in a fast paced, challenging, and team environment with advanced equipment and small-scale materials. They will use critical thinking skills to interpret, evaluate, use and effectively communicate technical data and results.

Graduates are typically employed in research and design, health, environmental and manufacturing areas, specializing in microfabrication, sensors and devices, nanomaterial synthesis,

clean technology and consumer products. They often work in cleanroom or other controlled lab environments using state-of-the-art equipment and have knowledge in quality management systems, including statistical process control and other manufacturing protocols.

[nait.ca/programs/nan](http://nait.ca/programs/nan)

## PETROLEUM ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,683  
BOOKS & SUPPLIES (EST) - \$2,160 YEAR 1, \$1,660 YEAR 2



### BTECH

This nationally-accredited program prepares graduates for employment in the upstream oil and gas industry. The program consists of the following areas of study: petroleum geology, well drilling and completion techniques, reservoir engineering, oil and gas production optimization, project development and management, and environmental protection and safety. Students gain valuable work experience in a two-week industry Field Placement after their first year and apply equipment optimization and process trouble-shooting skills during a one-week training session at the Enform Oil and Gas Production Facility in Nisku in second year

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.

[nait.ca/programs/pnt](http://nait.ca/programs/pnt)

“ Learning about electricity all day every day. Some of the things I learn are actually quite shocking #school #NAIT #badjoke ”

 **ABEL BLACK**  
@Abel\_Black



## SUSTAINABLE CAREERS

For NAIT grads Vannaphone Phletlathy (Civil Eng Tech '04) and Jason Steward (Construction Eng Tech '10), sustainable transportation has been a rewarding career path. As members of the North LRT project team, they've embraced many challenges while building an increased understanding of structural, electrical, civil and mechanical engineering. As Vannaphone says: "The experience has opened so many doors I never thought about."



## IT + ELECTRONICS

### WORLD WITHOUT WIRES

Observe those around you, people are talking, texting, or browsing. Health care patients are monitored, gas wells are controlled, first responders are instructed and students access their course materials – all wirelessly. Students in NAIT's Wireless Systems Engineering Technology program are well prepared to enter this fast-paced, exciting field.

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## BACHELOR OF APPLIED INFORMATION SYSTEMS TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$239; TUITION CAP – \$1,980  
INTERNATIONAL: COST PER CREDIT – \$801; TUITION CAP – \$6,633  
BOOKS & SUPPLIES (EST) – \$750 YEAR 1, \$1,500 YEAR 2



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.

[nait.ca/programs/bai](http://nait.ca/programs/bai)

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## COMPUTER ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
INTERNATIONAL: COST PER CREDIT – \$737; TUITION CAP – \$6,633  
BOOKS & SUPPLIES (EST) – \$1,395 YEAR 1, \$580 YEAR 2



BTECH BAI

Computer engineering technologists analyze and solve computer-oriented problems. They develop software, interface computers with sensors and other hardware, and support automation and control systems.

Students gain knowledge and skills in software development using a variety of languages and platforms from initial design through implementation and troubleshooting. They work hands-on with digital and analog electronic circuits and learn to interface them with microcontrollers and programmable logic controllers. They graduate with significant practical experience in programming as well as data acquisition, storage and query.

Graduates start careers in software development and implementation, process automation and system integration in both commercial and industrial fields.

[nait.ca/programs/cnt](http://nait.ca/programs/cnt)

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## COMPUTER NETWORK ADMINISTRATOR

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
INTERNATIONAL: COST PER CREDIT – \$737; TUITION CAP – \$6,633  
BOOKS & SUPPLIES (EST) – \$1,100



Build fundamental knowledge of computing and networking, including PC hardware and troubleshooting, Microsoft Windows server and client operations, Linux-based operations, virtualization, wireless, network infrastructure and professional topics. Students are involved in hands-on learning and participate in a network project to enhance and complement the skills obtained in the classroom.

Graduates work as client/network/information services administrators, server/PC/desktop/helpdesk support technicians and junior IT/network analysts.

[nait.ca/programs/cna](http://nait.ca/programs/cna)

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## ELECTRONICS ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
INTERNATIONAL: COST PER CREDIT – \$737; TUITION CAP – \$6,633  
BOOKS & SUPPLIES (EST) – \$1,885 YEAR 1, \$545 YEAR 2



BTECH

Students learn fundamental concepts and practical application of analog, digital electronics and micro controller programming. We have a hands-on practical approach to learning. Emphasis in the program is on design, troubleshooting, manufacturing and wireless communication systems. The program additionally prepares students with industry relevant soft skills that are essential for working in today's global economy.

Our graduates enter the workforce with broad based skills applicable to employment opportunities in five major areas: electronic design, installation and maintenance, repair and sales. Employers of our graduates range from small local firms all the way to large international corporations. Our graduates are actively recruited by the oil industry, police and governmental agencies. If it is electronic, we probably have grads doing it.

[nait.ca/programs/eet](http://nait.ca/programs/eet)

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## NETWORK ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$1,980  
INTERNATIONAL: COST PER CREDIT – \$737; TUITION CAP – \$6,633  
BOOKS & SUPPLIES (EST) – \$1,050 YEAR 1, \$495 YEAR 2



BTECH BAI

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 configuration and administration of operating systems. Emphasis is placed on implementation skills, ensuring applicability to evolving industry requirements.

Graduates find rewarding careers in the IT field such as data systems specialists, network support specialists or network analysts.

[nait.ca/programs/net](http://nait.ca/programs/net)

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## WIRELESS SYSTEMS ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT – \$220; TUITION CAP – \$2,717  
INTERNATIONAL: COST PER CREDIT – \$737; TUITION CAP – \$9,102  
BOOKS & SUPPLIES (EST) – \$1,700 YEAR 1, \$1,000 YEAR 2



BTECH

Wireless technology allows us to connect with people, enables machines to talk to machines and allows delivery of services to remote locations. Wireless enables mobility and instant communication anytime anywhere.

As a graduate of the Wireless Systems Engineering Technology two year diploma program, you will participate in this multi-billion dollar growth industry that is fast-paced, challenging and rapidly changing. You will demonstrate analytical and technical skills within a dynamic environment in support of the safe design, installation, commissioning and maintenance of wireless communications systems.

[nait.ca/programs/wst](http://nait.ca/programs/wst)



## MEDIA + DESIGN

### UPPING HER GAME

Honours student Patricia Wells (pictured here with instructor Markis Day) has taken her experience at NAIT to a whole new level. She initially completed the Graphic Communications certificate, then returned to NAIT to study Digital Media and IT. Co-captain of the Ooks Women's Basketball team, she has won multiple athletics awards and scholarships. Clearly, she's on a winning streak.

## DIGITAL MEDIA & IT

TUITION & FEES: COST PER CREDIT - \$195; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$653; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,000 PER YEAR



### BTECH BAI

Are you a hands-on learner interested in Digital Media and/or IT? If yes, then this is the program for you! Build the skillset you require for an exciting career by taking courses from one or more DMIT paths. DMIT offers specializations in Computer Programming, Systems Administration, Business Analysis, Visual Communications, Web Design, Game Design, Game Programming, Video Production, and Animation. From the first semester of studies, students choose courses that align with their interests, growing their abilities and knowledge. Students create unique skill sets that make them highly versatile in the job market. Most classes are held in classrooms, computer labs, or in our studio, depending on the subject. Students can take digital media and information technology courses related to the four areas of employment below.

[nait.ca/programs/dmit](http://nait.ca/programs/dmit)

### GRAPHIC COMMUNICATIONS

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$520



Students 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 plants, advertising agencies, in-house design and publishing departments and electronic pre-press studios.

[nait.ca/programs/gcs](http://nait.ca/programs/gcs)

### PHOTOGRAPHIC TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$4,570 YEAR 1, \$1,150 YEAR 2



### BTECH

In preparation for professional photographic careers, students learn how 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.

[nait.ca/programs/pht](http://nait.ca/programs/pht)

## RADIO AND TELEVISION - RADIO

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$150 - \$750 PER YEAR



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

Students learn announcing, writing, news/sports, 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](http://www.nr92.com)), including contributing to the NR92 online social media sites.

Students gain direct industry experience through a Field Placement in their last semester.

[nait.ca/programs/rtr](http://nait.ca/programs/rtr)

## RADIO AND TELEVISION - TELEVISION

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$150 - \$750 PER YEAR



Develop skills in reporting, anchoring, videography, web writing, editing, commercial production and news/sports. Students become familiar with job functions typically found in television by assuming various positions for NAIT *NewsWatch* and *2<sup>nd</sup> Edition*, NAIT's in-house television news programs. Writing and reporting skills are transferred online to NAIT Television's website ([www.naitnewswatch.ca](http://www.naitnewswatch.ca)), where students contribute news stories and blogs and promote the news broadcast through social media sites. Students also gain direct industry experience through a field placement in their last semester.

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

[nait.ca/programs/rtt](http://nait.ca/programs/rtt)

“2 aspiring radio students contacted me today to interview me for their #NAIT applications, 2 yrs ago, I was in their shoes! #TimeFlies”

 CHELSEA BIRD  
@chelseabird3



# SKILLED TRADES

## HANDS ON

Our Skilled Trades programs offer students training in many fields essential to the province. These programs align with the knowledge and skills business and industry look for in graduates, making the demand for our students high. Concepts learned in the classroom are reinforced by lab and shop activities. This practical hands-on approach to training prepares our graduates for rewarding, world-class careers.



“We have students straight out of school. We also have a large proportion with work experience and students, such as myself, with previous certifications or degrees for whom this represents a second career.”

– KAREN WOOD

Power Engineering Technology '13,  
student and former lawyer.

## TRADES TO DEGREES

Tradespeople can now put their education and experience towards a degree. NAIT's groundbreaking Trades to Degrees pathway is a response to industry demand for tradespeople with leadership and managerial skills. Certified tradespeople can apply directly to the third year of a Bachelor of Business Administration program, an acknowledgement of the work experience and post-secondary education that led to trades certification. Introduced in 2012, this new pathway is one of the first of its kind in North America.

► [nait.ca/tradestodegrees](http://nait.ca/tradestodegrees)



### AUTO BODY REPAIR, PRE-EMPLOYMENT

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,100



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.

[nait.ca/programs/abt](http://nait.ca/programs/abt)

### AUTOMOTIVE SERVICE TECHNICIAN, PRE-EMPLOYMENT

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$275



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.

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

[nait.ca/programs/apt](http://nait.ca/programs/apt)

### CNC MACHINIST TECHNICIAN

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$700



The CNC Machinist Certificate 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 with industry-standard software
- inspection, quality control and CMM (co-ordinate measuring machine) training.

The final eight weeks consist of (320 hours) of supervised work experience.

A graduate of the Computer Numerical Control (CNC) Machinist Certificate Program is responsible for manufacturing components for the oil and gas, mining, forestry, construction, and transportation industries. A CNC Machinist will demonstrate trade-specific skills in the programming, setup, and operation of computer controlled tools. Graduates will also perform competently when working with manual machine tools. Machinists are able to work efficiently on their own and/or in team environments where problem solving skills, critical thinking skills and current knowledge of technological trends and quality practices are essential to daily work. A graduate from the CNC Machinist Certificate Program may be given the opportunity to apprentice in the machinist trade.

[nait.ca/programs/mat](http://nait.ca/programs/mat)

### HVAC SPECIALIST

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,210



Graduates of this program have the technical knowledge and skills to

- install, service and assist in the design of ventilation, air conditioning and refrigeration systems
- troubleshoot and install the electrical and control systems of industry-specific equipment
- challenge the 1st Period Refrigeration and Air Conditioning Mechanic apprenticeship exam, providing greater opportunity for employment as an RACM apprentice.

Fundamental understanding of current industry design software including AUTOCAD, REVIT and BIM concepts provides opportunities for employment in design, engineering and sales offices.

[nait.ca/programs/hva](http://nait.ca/programs/hva)

### INDUSTRIAL HEAVY EQUIPMENT TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$1,420 - \$1,745 PER YEAR



#### BTECH

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 compression ignition engines, petroleum chemistry, fuel and hydraulic systems, powertrain on-road and off-road, D.C and A.C. electricity, electronics, communication, safety, leadership and professionalism.

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

[nait.ca/programs/ihe](http://nait.ca/programs/ihe)

## MILLWORK AND CARPENTRY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$990



Students will gain hands-on skills in the design and construction of wood structures, cabinets, shelving units and furniture. They will 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 in the Cabinetmaker or Carpentry Trades.

[nait.ca/programs/mic](http://nait.ca/programs/mic)

## POWER ENGINEERING CERTIFICATE

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$2,270



Students learn to operate and maintain equipment such as boilers, turbines, pumps, compressors and electrical motors, generators and breakers. They will also learn skills needed to control refrigeration and air conditioning systems.

In Alberta, power engineers must be certified by the Alberta Boilers Safety Association (ABSA) before assuming responsibilities in heating and power plants. There are five levels of certification, advancing from Fifth Class up to First Class. Successful completion of NAIT's Power Engineering Certificate prepares students to write the Fourth Class ABSA exam and the Third Class "Part A" exam. Graduates who want to continue their studies can progress to higher certifications by taking advanced courses through NAIT Continuing Education evening or online studies.

[nait.ca/programs/poe](http://nait.ca/programs/poe)

## POWER ENGINEERING TECHNOLOGY

TUITION & FEES: COST PER CREDIT - \$220; TUITION CAP - \$1,980  
INTERNATIONAL: COST PER CREDIT - \$737; TUITION CAP - \$6,633  
BOOKS & SUPPLIES (EST) - \$3,600 YEAR 1, \$2,580 YEAR 2



### BTECH

In this comprehensive diploma program, students will gain the theoretical and practical skills necessary for the safe and efficient operation of boilers, pressure equipment, turbines, pumps, compressors and other plant equipment. Studies include

- thermodynamics, electricity and electronics, refrigeration and air conditioning
- mechanical drafting, blueprint reading, technical mathematics and physics
- effective communications, especially in a team environment.

Between their first and second years, students will undertake a 480-hour practicum experience in a certified operating plant, giving them industry-relevant, hands-on experience and important workplace preparation.

In Alberta, power engineers must be certified by the Alberta Boilers Safety Association (ABSA) before assuming responsibilities in heating and power plants. There are five levels of certification, advancing from Fifth Class up to First Class. Successful completion of this Power Engineering Technology diploma enables students to write the ABSA Second Class "Part A" exam.

Grads begin careers as qualified and certified Power Engineer operators, responsible for the operation of related equipment according to all applicable safety standards. They are in high demand in sectors such as power generation, heating plants, refrigeration, oil and gas, petrochemicals and pulp and paper. Career options include the progression to Power Engineer Second Class and Power Engineer First Class levels, with increased responsibilities and remuneration.

[nait.ca/programs/pwt](http://nait.ca/programs/pwt)

“Be authentic. Take risks.  
Expect greatness.”

– PAMELA STRAND

Founder of Shear Diamonds Ltd. and president of Firestone Ventures Inc. NAIT's 2013 guest speaker for Women in Technology and Trades.



## SKILLS VOLUNTEER OF THE YEAR

Rob Prediger, Automotive Service instructor, has been recognized as the 2013 Skills Volunteer of the Year. Rob enjoys volunteering with Supporting Skills, a not-for-profit organization that actively promotes careers in skilled trades and technologies to Canadian youth, because he can see each student grow. He's a veteran in coordinating competitions and judging for Skills Canada Alberta, something he's done for nine years and is truly passionate about. "It's the future of our trade," says Rob.



# APPRENTICESHIP

## MAKING THINGS HAPPEN

Carly Prefontaine, Cabinetmaker, completed all four years of her training at NAIT. She is a multiple winner of the Skills Canada competition for Cabinet Making. She also won the Northern Alberta Woodcrafters Guild Top Apprentice Award, given to the student with the highest academic achievement for Cabinet Making in an academic year - more proof that NAIT grads are among the best in their chosen fields.



### MICHAEL SCHEIDEMAN

(Journeyman Refrigeration and Air Conditioning Mechanic '13)

Apprentice Michael Scheideman won gold in the Refrigeration and Air Conditioning category at the 2013 WorldSkills competition in Germany. "Competing and winning at WorldSkills has been the most rewarding experience of my life. Studying and training at NAIT has been crucial to my success," said Scheideman.

► [nait.ca/scheideman](http://nait.ca/scheideman)

### 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 12 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 journeyperson.

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:

[tradesecrets.org](http://tradesecrets.org)  
[nait.ca/apprenticeship](http://nait.ca/apprenticeship)

### WHAT DOES NAIT OFFER?

NAIT delivers 34 apprenticeship programs from six training locations in the Edmonton region, as listed here.

In addition to the traditional block method of classroom training, the Electrician, Machinist, Millwright and Welder programs also offer distance or blended delivery, using an on-site industry mentor. The distance delivery option enables apprentices to get training with a minimum of time missed from work or home.

### APPRENTICESHIP PROGRAMS

- 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 System Electrician
- Powerline Technician
- Refrigeration and Air Conditioning Mechanic
- Rig Technician
- Roofer
- Sheet Metal Worker
- Steamfitter-Pipefitter
- Structural Steel and Plate Fitter
- Welder

“ Oh what’s that? Get my red seal and skip 2 years of my business degree? Ok! #tradestodegrees #NAIT #pipefitter #lovelife ”

 CHELSEA DRANGSHOLT  
 @misses\_dragon

\*If international students are interested in participating in an apprenticeship, they must be eligible to work in Alberta. Please contact Alberta Apprenticeship and Industry Training for further information about guidelines and policies.



# UPGRADING

## BUILDING CONFIDENCE

Is your academic background holding you back? Get the skills and confidence you need to move forward with your education and career goals. Upgrading courses prepare students for entry into programs at NAIT and other institutions. You'll learn from experienced instructors who will encourage you to succeed.

### ACADEMIC UPGRADING

Designed for adults of all ages and academic backgrounds, NAIT's Academic Upgrading program helps learners meet the entrance requirements 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.

Students can take up to three courses per semester. The fall and winter semesters are 15 weeks long, with day, evening and online 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. The courses are accepted as entrance requirements at NAIT and at all other Alberta post-secondary institutions.

[nait.ca/academicupgrading](http://nait.ca/academicupgrading)

### ENGLISH AS A SECOND LANGUAGE (ESL)

NAIT offers five levels of ESL instruction, from high beginner (NESL level 1) to English for Academic Purposes (NESL 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. Students enjoy taking separate courses in reading, writing, speaking and listening from a variety of experienced instructors. Whether the goal is to go on to further education or improve workplace skills, these courses provide many opportunities for language development.

[nait.ca/esl](http://nait.ca/esl)

“NAIT's ESL program has helped me both in my personal and professional life. I would strongly recommend this program to everybody who is looking to build not just their language skills, but also to build their future.”

– INA BOAGHIE  
ESL Graduate

# REAL RESULTS

Employers know that NAIT grads are job-ready. Year after year, nine out of 10 graduates are employed 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 Class of 2012:

- 92% of grads were employed within one year of graduation (of those, 83% found employment within three months)
- 81% were working in fields related to their area of study
- 78% 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.



PROGRAM	LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				TOTAL	MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR			
<b>BUILDING CONSTRUCTION AND DESIGN</b>								
Architectural Technology	2 years	48	83%	0%	6%	90%	\$41,600	
Building Environmental Systems Technology	2 years	10	100%	0%	0%	100%	\$62,400	
Construction Engineering Technology	2 years	42	98%	0%	2%	100%	\$60,000	
Interior Design Technology	2 years	22	82%	0%	5%	86%	\$37,440	
<b>BUSINESS AND ADMINISTRATION</b>								
Applied Banking and Business	1 year	8	50%	0%	25%	75%	\$20,800	
Bachelor of Applied Business Administration - Accounting	4 years	49	96%	0%	2%	98%	\$55,000	
Bachelor of Applied Business Administration - Finance	4 years	3	100%	0%	0%	100%	\$56,250	
Bachelor of Business Administration	4 years	138	81%	3%	5%	89%	\$43,000	
Business Administration - Accounting	2 years	115	74%	3%	11%	89%	\$40,000	
Business Administration - Finance	2 years	42	62%	7%	24%	93%	\$33,000	
Business Administration - Human Resource Management	2 years	43	60%	5%	23%	88%	\$43,142	
Business Administration - Management	2 years	48	75%	2%	10%	88%	\$46,800	
Business Administration - Marketing	2 years	46	70%	0%	24%	93%	\$45,000	
Captioning and Court Reporting	2 years	13	62%	15%	8%	85%	\$51,500	
<b>ENGINEERING TECHNOLOGIES</b>								
Bachelor of Technology in Technology Management	2 years	28	89%	0%	11%	100%	\$60,000	
Biomedical Engineering Technology	2 years	9	67%	11%	22%	100%	\$52,000	
Biomedical Engineering Technology - Co-op	2 years	1	0%	0%	100%	100%		
Chemical Engineering Technology	2 years	29	76%	0%	14%	90%	\$66,702	
Civil Engineering Technology	2 years	31	94%	0%	3%	97%	\$53,910	
Civil Engineering Technology - Co-op	2 years	18	94%	0%	0%	94%	\$58,500	
Electrical Engineering Technology	2 years	32	100%	0%	0%	100%	\$60,000	
Engineering Design and Drafting Technology	2 years	21	86%	0%	10%	95%	\$46,800	
Geomatics Engineering Technology	2 years	15	93%	0%	7%	100%	\$51,000	
Instrumentation Engineering Technology	2 years	81	86%	1%	5%	93%	\$65,000	

PROGRAM	LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				TOTAL	MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR			
<b>ENGINEERING TECHNOLOGIES CONT.</b>								
Materials Engineering Technology	2 years	5	100%	0%	0%	100%	\$49,920	
Mechanical Engineering Technology	2 years	41	85%	0%	12%	98%	\$60,000	
Nanotechnology Systems	1 year	15	53%	0%	33%	87%	\$42,000	
Petroleum Engineering Technology	2 years	32	78%	0%	16%	94%	\$70,000	
<b>ENVIRONMENTAL MANAGEMENT</b>								
Biological Sciences Technology - Environmental Sciences	2 years	9	78%	0%	11%	89%	\$36,200	
Biological Sciences Technology - Laboratory and Research	2 years	12	58%	0%	33%	92%	\$36,684	
Biological Sciences Technology - Renewable Resources	2 years	11	55%	0%	45%	100%	\$41,600	
Chemical Technology	2 years	16	88%	0%	6%	94%	\$55,000	
Forest Technology	2 years	13	85%	0%	0%	85%	\$48,360	
Geological Technology	2 years	11	73%	0%	9%	82%	\$60,000	
Landscape Architectural Technology	2 years	16	75%	0%	19%	94%	\$40,202	
Occupational Health and Safety	2 years	20	90%	0%	5%	95%	\$60,000	
Water and Wastewater Technician	1 year	18	83%	0%	17%	100%	\$53,040	
Water and Wastewater Technician (Calgary)	1 year	8	100%	0%	0%	100%	\$71,825	
<b>HEALTH + SAFETY</b>								
Animal Health Technology	2 years	18	94%	0%	6%	100%	\$37,440	
Combined Laboratory and X-Ray Technology	2 years	22	55%	36%	5%	95%	\$58,240	
Cytotechnology	2 years	3	100%	0%	0%	100%	\$49,616	
Dental Assisting Diploma (new)	2 years	n/a	n/a	n/a	n/a	n/a	n/a	
Dental Technology	2 years	11	73%	0%	18%	91%	\$35,360	
Denturist Technology	3 years	9	89%	11%	0%	100%	\$36,000	
Diagnostic Medical Sonography	28 months	22	95%	5%	0%	100%	\$71,224	
Emergency Medical Responder	varies	133	43%	3%	49%	95%	\$46,000	
Emergency Medical Technician (EMS Training)	6 months	44	75%	9%	14%	98%	\$53,248	
Emergency Medical Technology - Paramedic	2 years	10	100%	0%	0%	100%	\$77,500	
Magnetic Resonance	20 months	11	64%	9%	0%	73%	\$72,800	
Medical Laboratory Assisting	23 weeks	35	83%	17%	0%	100%	\$41,600	
Medical Laboratory Technology	2 years	24	67%	25%	0%	92%	\$61,678	
Medical Radiographic Technology (Transitioning to 3-Year Program)	3 years	0	n/a	n/a	n/a	n/a	n/a	
Medical Transcription	1 year	15	67%	13%	13%	93%	\$43,700	
Optical Sciences - Eyeglasses	varies	61	92%	5%	3%	100%	\$40,000	
Optical Sciences Advanced Practice - Contact Lenses	varies	15	93%	7%	0%	100%	\$48,000	
Personal Fitness Trainer	2 years	45	51%	29%	18%	98%	\$45,760	
Respiratory Therapy	3 years	29	86%	10%	3%	100%	\$70,000	
Veterinary Medical Assistant	1 year	6	83%	0%	17%	100%	\$33,280	
<b>HOSPITALITY AND CULINARY</b>								
Baking Certificate	1 year	21	52%	10%	29%	90%	\$28,600	
Culinary Arts Diploma	2 years	32	78%	6%	13%	97%	\$33,890	

PROGRAM	LENGTH	GRADS AVAILABLE FOR EMPLOYMENT	PERCENTAGE OF GRADUATES EMPLOYED WITHIN A YEAR FOLLOWING GRADUATION				TOTAL	MEDIAN ANNUAL SALARY
			FT/TR	PT/TR	FT/NTR			
<b>HOSPITALITY AND CULINARY CONT.</b>								
Culinary Arts Certificate	1 year	13	38%	23%	15%	77%	\$28,520	
Hospitality Management Certificate	1 year	3	33%	0%	67%	100%	\$33,700	
Hospitality Management Diploma	2 years	9	89%	0%	0%	89%	\$24,180	
Professional Meatcutting and Merchandising Certificate	5 months	15	93%	0%	0%	93%	\$27,690	
<b>INFORMATION TECHNOLOGY</b>								
Bachelor of Applied Information Systems Technology	4 years	41	93%	0%	5%	98%	\$60,000	
Computer Engineering Technology	2 years	21	71%	0%	19%	90%	\$45,000	
Computer Engineering Technology - Co-op	2 years	6	100%	0%	0%	100%	\$51,000	
Computer Network Administrator Certificate	1 year	25	92%	0%	4%	96%	\$40,300	
Electronics Engineering Technology	2 years	20	75%	0%	15%	90%	\$41,000	
Electronics Engineering Technology - Co-op	2 years	6	100%	0%	0%	100%	\$47,006	
Network Engineering Technology	2 years	7	100%	0%	0%	100%	\$48,000	
Network Engineering Technology - Co-op	2 years	3	33%	0%	33%	67%	\$36,430	
<b>MEDIA AND DESIGN</b>								
Digital Media and IT	2 years	75	69%	0%	20%	89%	\$40,000	
Digital Media and IT - Co-op	2 years	14	86%	0%	7%	93%	\$41,925	
Graphic Communications Certificate	1 year	24	54%	4%	25%	83%	\$36,000	
Photographic Technology	2 years	12	50%	17%	25%	92%	\$28,080	
Radio and Television - Radio	2 years	15	87%	0%	7%	93%	\$32,000	
Radio and Television - Television	2 years	16	63%	6%	25%	94%	\$38,220	
<b>SKILLED TRADES</b>								
Auto Body Repair, Pre-Employment	12 weeks	20	75%	0%	15%	90%	\$33,280	
Automotive Service Technician, Pre-Employment	16 weeks	25	80%	0%	16%	96%	\$33,400	
CNC Machinist Certificate	1 year	9	100%	0%	0%	100%	\$45,760	
HVAC Specialist	1 year	11	82%	18%	0%	100%	\$52,000	
Industrial Heavy Equipment Technology	2 years	11	82%	0%	9%	91%	\$61,100	
Millwork and Carpentry Certificate	1 year	34	79%	0%	12%	91%	\$39,000	
Power Engineering Certificate - 4th Class	1 year	23	78%	0%	13%	91%	\$74,620	
Power Engineering Technology	2 years	27	100%	0%	0%	100%	\$86,632	
Welding Technician	1 year	34	76%	0%	6%	82%	\$64,688	

## NOTES ABOUT THIS SURVEY

- 81% of the Class of 2012 responded to the survey (students graduating from full-time programs between July 1, 2011 and June 30, 2012).
- 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 the reported salaries. In cases where the reported data was insufficient to calculate a median value, no salary has been included.
- Graduate employment abbreviations - FT/TR = full time, training related; PT/TR = part time, training related; NTR = non training related. The TR category includes those graduates reporting employment related and somewhat related to their training.



# HOW TO APPLY

Your journey as a NAIT student starts with the application process. Students applying to credit programs and courses are required to apply using the Alberta Post-Secondary Application System (APAS).

## STEP 1: WHEN TO APPLY

In general, applications are accepted between October 1 and August 31 for programs starting in the following Fall term. Many programs fill quickly, so early applications are encouraged. Health programs in particular have specific early deadlines (February 28 for several). For specific application deadlines visit [nait.ca/appdeadlines](http://nait.ca/appdeadlines).

## STEP 2: SUBMIT YOUR APPLICATION

You must apply through the Alberta Post Secondary Application System (APAS). A non-refundable \$115.00 processing fee must be paid when you submit your application. If you attended high school or post-secondary in Alberta, APAS will automatically request your official transcripts – you don't need to submit your transcripts separately. If you attended an institution outside Alberta, it is your responsibility to arrange for an official transcript to be sent to the Registrar's Office directly from the institution you attended. Your application cannot be processed without official transcripts. Applicants submitting Out of Country transcripts will be charged a \$75 assessment fee.

## STEP 3: AFTER YOU APPLY

Once your application has been submitted, you will receive acknowledgement from NAIT by email. You will be assigned a Student Identification Number and instructions on creating an account for the MyNAIT Student Portal. All further communications from NAIT will be sent through your portal.

It is essential to check weekly for messages from NAIT on your MyNAIT portal and to respond in the given timelines. You will receive very important updates about your application status. You may also receive requests for additional information required 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. We recommend all information be sent electronically through this portal. If we do not receive a response, your application may be cancelled.

\*There is no APAS application process required for Open Studies. To register for an Open Studies course visit [nait.ca/openstudies](http://nait.ca/openstudies)

Questions about the application process can be directed to the Student Success Contact Centre.

**Phone:** 780.471.6248 or toll free (within Canada) 1.877.333.6248

**Email:** [asknait@nait.ca](mailto:asknait@nait.ca)

► Apply to NAIT online at [nait.ca/apply](http://nait.ca/apply)



# INFO FOR INTERNATIONAL STUDENTS

NAIT welcomes international students from around the world as important members of the campus community. Here's what you need to know in order to apply for a program at NAIT.

► [nait.ca/international](http://nait.ca/international)

**TO BE CONSIDERED AN INTERNATIONAL APPLICANT, YOU CANNOT BE A CANADIAN CITIZEN OR A PERMANENT RESIDENT OF CANADA.**

## STEP 1: ENSURE YOU MEET ENGLISH PROFICIENCY REQUIREMENTS

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 requirements. Please check that you meet these requirements, and what proof will need to be submitted before continuing with your application.

► [nait.ca/englishreqs](http://nait.ca/englishreqs)

If you don't meet the requirements, see **page 44** for information on the ESL program. It's a great place for students who need improvement to get started.

## STEP 2: FIND OUT WHEN TO APPLY

Apply early! The admission of international applicants is competitive and many NAIT programs fill quickly. The length of time needed to obtain a study permit can vary by country, but often takes three to four months. Apply beginning October 1st for programs starting in the following Fall term. Deadline for international applications is May 15. Your complete application package must be received at NAIT prior to this deadline.

## STEP 3: SUBMIT YOUR APPLICATION

Review the "How to Apply" information on **page 49** or visit [nait.ca/apply](http://nait.ca/apply)

## STEP 4: APPLY FOR YOUR STUDY PERMIT

When you have received your Letter of Acceptance, you will need to apply for your study permit. This permit is required if you plan to study in Canada for a period longer than 6 months. To obtain your study permit, you will need to apply through Citizenship and Immigration Canada (CIC). Check [cic.gc.ca](http://cic.gc.ca) for local requirements of the visa office responsible for your country or region.



# FINANCIAL AID

There are many possibilities and resources for funding your education at NAIT. Explore your options.

## FINANCIAL AID

The Financial Aid Office at NAIT offers a “one stop shop” for information and applications for all government-funded, needs-based loans and grants. There are options for students in full-time, part-time, and apprenticeship programs. For more information on the options available, deadlines, or to apply for funding, you can drop into the Financial Aid Office on Main campus or visit our website.

► [nait.ca/financialaid](http://nait.ca/financialaid)

## SCHOLARSHIPS AND BURSARIES

NAIT is proud to offer its students the opportunity to be recognized for their outstanding achievements. In addition to academic excellence, awards may be given for athletic program participation, extra-curricular activities, leadership, involvement in the community or campus life, and financial need.

In 2013/14 we expect to award more than \$4.7 million in scholarships and bursaries to some 3,800 students. Our wide range of scholarships includes more than 200 entrance awards for first-time students and 108 new awards thanks to our many supporters in business and industry. See if you qualify!

► [nait.ca/scholarships](http://nait.ca/scholarships)

# ACADEMIC REQUIREMENTS

The information in this chart is a general list of entrance requirements for NAIT Degree, Diploma, and Certificate programs. Those programs marked with an asterisk (\*) have requirements that must be met in addition to academic courses. These may include career investigations and/or interviews. Those programs marked as “competitive entrance” require applicants to meet a specific academic average and/or attend an interview to be considered for admission, as selection is based on a best qualified model.

Please consult [nait.ca/prerequisites](http://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.

PROGRAM	LENGTH	ENTRANCE REQUIREMENTS	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
Academic Upgrading		Grade 10 English (10-1,10-2 or equivalent)		
Alternative Energy Technology	2 yr	Grade 12 English/Math 30-1 or Math 30 Pure/Chemistry 20/Physics 20	Yes	
Animal Health Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)/Chemistry 30/Biology 30	Yes	*
Applied Banking and Business	1 yr	A minimum of 55% in each of Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)	Yes	
Architectural Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Bachelor of Applied Business Administration - Accounting	2 yr	A two-year business diploma from an accredited post-secondary institution, including course work in the following areas: Intermediate Accounting II, Management Accounting II, Taxation I, Management Information Systems, Business Finance, Marketing and Business Communications	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 an IT related technology plus verification of skill sets specific to each Major concentration of study	Yes	*
Bachelor of Business Administration	4 yr	Admission to Year 1: A minimum of 55% in Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied) with an average of 65% in five 30-level courses Diploma graduate: (Admission to year 3) Completion of a Business Administration diploma program with a GPA of 2.3 or higher	Yes	
Bachelor of Technology in Technology Management	2 yr	Diploma or degree in an accredited or recognized engineering technology, applied science or health science program (minimum GPA of 2.7) required	Yes	
Baking	1 yr	Grade 10 English (10-1 or 10-2) and Grade 10 Math; Gr. 10 Math acceptable: 10, 13, Applied, Pure, 10C, 10-3	Yes	
Biological Sciences Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)/Chemistry 30/Biology 30	Yes	*
Biomedical Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Building Environmental Systems Technology	2 yr	Successful completion of HVAC certificate	Yes	
Business Administration	2 yr	A minimum of 55% in each of Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)	Yes	

PROGRAM	LENGTH	ENTRANCE REQUIREMENTS	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
Captioning and Court Reporting	2 yr	70% 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/Math 30-1 or Pure Math 30 or 75% in Math 30-2/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Chemical Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 or Math 30 (Pure or Applied)/Chemistry 30	Yes	
Civil Engineering Technology	2 yr	Grade 12 English/Math 30-1 or 75% in Math 30-2, Math 30 Pure or 80% in Applied Math 30/One of: Science 30 or Physics 30	Yes	
CNC Machinist Technician	1 yr	Grade 10 (including English and Math); Gr. 10 Math acceptable: 10, 13, Applied, Pure, 10C, 10-3	Yes	
Combined Laboratory and X-Ray Technology	2 yr	60% in each of English 30-1/Math 30-1, Math 30-2 or Pure Math 30/Chem 30/Biology 30	Yes	*
Computer Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 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 20-1 or 20-2 or Math 20 (Pure or Applied)/One of: Science 20, Physics 20, Chemistry 20 or 5 credits of Advanced Level Computer Science (CSE) courses taken within the Career and Technology Studies (CTS) program	Yes	
Construction Engineering Technology	2 yr	Grade 12 English/Math 30-1, Math 30-2, Pure Math 30 or 70% in Applied Math 30/One of: Science 20 or Physics 20	Yes	*
Culinary Arts	1-2 yr	Grade 10 English (10-1 or 10-2) and Grade 10 Math; Gr. 10 Math acceptable: 10C, 10-3, Math 10 Applied, Math 10 Pure, Math 10 or Math 13	Yes	*
Cytotechnology	2 yr	60% in English 30-1/Math 30-1 or Pure Math 30/Chemistry 30/Biology 30	Yes	*
Dental Assisting	2 yr	Grade 12 English/Biology 30/Chemistry 30/One of: Science 30, Math 30-1 or 30-2, Math 30 Pure, Math 30 Applied, Math 31, Physics 30, Social Studies 30-1 or a 30-level language other than English	Yes	*
Dental Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 (Math 30 Pure, Math 30 Applied and Math 31 also acceptable)/Biology 30/One of: Science 30, Chemistry 30, Physics 30, Social Studies 30-1 or a 30-level language other than English.	Yes	*
Denturist Technology	2 yr	Grade 12 English/Math 30-1 or 30-2 (Math 30 Pure, Math 30 Applied and Math 31 also acceptable)/Biology 30/One of: Science 30, Chemistry 30, Physics 30, Social Studies 30-1 or a 30-level language other than English	Yes	*
Diagnostic Medical Sonography	28 mth	60% in each of English 30-1/Math 30-1, Math 30-2, or Pure Math 30/Physics 30/Biology 30 Note: Commencing in 2015/16 a minimum grade of 75% will be required	Yes	*
Digital Media and IT	2 yr	English 20-1/Math 30-2, or Math 20-1 with a minimum grade of 65%, Pure Math 20, Applied Math 30, or Math 33	Yes	
Electrical Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/Physics 30	Yes	*
Electronics Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Emergency Management Certificate (Public Sector or Industrial Emergency Management)	1 yr	Grade 10 Math/Grade 10 English/Social Studies 30 or successful completion of EMD100 and EMD103		
Emergency Management Technology	2 yr	Grade 10 Math/Grade 10 English/Social Studies 30 or successful completion of EMD100 and EMD101 or EMD103		
Emergency Medical Responder	52 hours	Current Standard First Aid and CPR Level C (Must be valid at program start date)		

PROGRAM	LENGTH	ENTRANCE REQUIREMENTS	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
Emergency Medical Technician	6 months	Successful completion of Emergency Medical Responder Program. Heart & Stroke, Basic Life Support for Healthcare Provider. CPR within last 12 months. Current ACP EMR Registration. EMT Student Assessment—EMT150. Must be 18 years or older.	Yes	*
Emergency Medical Technology - Paramedic	2 yr	Grade 12 English/Biology 30/Grade 10 Math. (Gr. 10 Math acceptable: 10C, 10-3, Math 10 Applied, Math 10 Pure, Math 10 or Math 13)	Yes	*
Engineering Design and Drafting Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Science 30, Physics 30 or Chemistry 30		
Forest Technology	2 yr	Grade 12 English/Math 30-1, Math 30-2, or Math 30 (Pure or Applied)/Two of: Chemistry 20, Biology 20, Physics 20, or Science 30		
Geological Technology	2 yr	Grade 12 English/Math 30-1, Pure Math 30, or 75% in Math 30-2/One of: Science 30, Physics 30, Chemistry 30 or 60% or greater in Biology 30	Yes	
Geomatics Engineering Technology	2 yr	Grade 12 English/Math 30-1, Pure Math 30, or 75% in Math 30-2/One of: Science 30, Chemistry 30 or Physics 20	Yes	
Graphic Communications	1 yr	Grade 12 English/Math 20-1, Math 20-2, or Math 20 (Pure or Applied)	Yes	
Hospitality Management	2 yr	Grade 11 (including English and Math)		
HVAC Specialist	1 yr	Grade 11 English/Math 20-1, Math 20-2, or Math 20 (Pure or Applied)/One of: Physics 20, Science 20 or Chemistry 20		
Industrial Heavy Equipment Technology	2 yr	Grade 12 English/Math 30-2 or Applied Math 30/Physics 30 and Chemistry 20	Yes	
Instrumentation Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/Physics 20/Chemistry 20	Yes	
Interior Design Technology	2 yr	Grade 12 English/Math 30-1 or 30-2, Pure Math 30 or Applied Math 30/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Landscape Architectural Technology	2 yr	Grade 12 English/Math 30-1 or 30-2, Pure Math 30 or Applied Math 30/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Magnetic Resonance	2 yr	A minimum 60% in each of English 30-1/Math 30-1, Math 30-2 or Pure Math 30/Physics 30/Biology 30	Yes	*
Magnetic Resonance Imaging (2nd Discipline)	1 yr	Diploma from an accredited institute in medical radiologic technology, nuclear medicine, radiation therapy, ultrasound or combined laboratory and x-ray. A current license with CARDUP, CAMRT, ARRT, or ACCLXT license or a diploma from an accredited institute from one of these disciplines is required.		*
Materials Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Physics 30 or Chemistry 30	Yes	
Mechanical Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/Physics 30	Yes	
Medical Laboratory Assisting	20 wk	60% or better in Grade 12 English/Chemistry 20/Biology 20/Pure Math 10 or Math 10C or Applied Math 20 or Math 20-2	Yes	*
Medical Laboratory Technology	2 yr	60% or better in each of: English 30-1, Math 30-1 or Pure Math 30, Chemistry 30 and Biology 30	Yes	*
Medical Radiologic Technology	2 yr	60% or better in each of English 30-1/Math 30-1, Pure Math 30, or Math 30-2/Physics 30/Biology 30. Note: Commencing in 2015/16 a minimum grade of 75% will be required	Yes	*
Medical Transcription	1 yr	60% in Grade 12 English		*
Millwork and Carpentry	1 yr	Grade 10 (including English and Math); (Gr. 10 Math acceptable: 10C, 10-3, Math 10 Applied, Math 10 Pure, Math 10 or Math 13)		
Nanotechnology Systems	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Science 30, Physics 30, Chemistry 30, Biology 30	Yes	

PROGRAM	LENGTH	ENTRANCE REQUIREMENTS	COMPETITIVE ENTRANCE	OTHER REQUIREMENTS
Network Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 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	60% or better in Grade 12 English/Math 30-2 or Applied Math 30 /Two of: Chemistry 20, Physics 20, Science 20 or Biology 20		*
Optical Sciences - Contact Lenses	2 yr	Applicant must be a registered optician working in the profession, provide proof of license and a letter of good standing from the provincial association		
Optical Sciences - Eyeglasses	2 yr	High school diploma or equivalent and must be working in the profession		
Personal Fitness Trainer	2 yr	Grade 12 English/Math 20-1, 20-2, or Math 20 (Pure or Applied)/Biology 30. Or successful completion of ANAT1120, PFTR1121 and PFTR1122		
Petroleum Engineering Technology	2 yr	Grade 12 English/Math 30-1, Pure Math 30 or 75% in Math 30-2/One of: Science 30, Physics 30 or Chemistry 30	Yes	
Photographic Technology	2 yr	Grade 12 English/Math 20-1 or 20-2 or Math 20 (Pure or Applied)	Yes	*
Power Engineering - Certificate	1 yr	Grade 12 English/Math 30-1 or Pure Math 30/Chemistry 30/Physics 30	Yes	
Power Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30 /Physics 30/Chemistry 30	Yes	
Pre-Employment - Auto Body Repair	12 wk	Grade 10 (including English, Math and Science); (Gr. 10 Math acceptable: 10C, 10-3, Math 10 Applied, Math 10 Pure, Math 10 or Math 13) 24 levels acceptable for Science (does not include 14-levels)		*
Pre-Employment - Automotive Service Technician	16 wk	English 20/Math 20-1 or Math 20 Pure/Science 10	Yes	
Radio and Television - Radio	2 yr	60% in Grade 12 English/Math 20-1, 20-2, or Math 20 Pure or Applied/ Grade 11 Science and Social Studies. One media or fine arts course from high school or Radio/Television 30, RTA 10 or RTA 30 may be used as a substitute for Math, Science, or Social Studies. NO combinations	Yes	*
Radio and Television - Television	2 yr	60% in Grade 12 English/Math 20-1, 20-2, or Math 20 Pure or Applied/ Grade 11 Science and Social Studies. One media or fine arts course from high school or Radio/Television 30, RTA 10 or RTA 30 may be used as a substitute for Math, Science, or Social Studies. NO combinations	Yes	*
Respiratory Therapy	3 yr	60% or better in each of English 30-1/Math 30-1 or 30-2 or Math 30 (Pure or Applied)/Chemistry 30/Biology 30. Canadian Language Benchmark (CLB) 9 Required for Non Native English Speakers	Yes	*
Professional Meatcutting and Merchandising	20 wk	Grade 10 English (10-1 or 10-2) and Grade 10 Math; Gr. 10 Math acceptable: 10C, 10-3, Math 10 Applied, Math 10 Pure, Math 10 or Math 13		
Veterinary Medical Assistant	1 yr	Grade 12 English/Math 20-1 or 20-2, or Math 20 (Pure or Applied)	Yes	*
Water and Wastewater Technician	1 yr	Grade 12 English/Math 20-1 or 20-2, or Math 20 (Pure or Applied)/ One of: Science 20, Physics 20, Chemistry 20 or Biology 20	Yes	
Wireless Systems Engineering Technology	2 yr	Grade 12 English/Math 30-1 or Pure Math 30/One of: Science 30, Physics 30 (preferred) or Chemistry 30		

## NOTES ABOUT THIS CHART

- A high school diploma is not required; however, specific subject requirements must be met. For applicants who attended high school outside Alberta, please check [alis.alberta.ca/pdf/transferralberta/OtherProvinces.pdf](https://alis.alberta.ca/pdf/transferralberta/OtherProvinces.pdf) to view equivalent requirements in other Canadian provinces.
- To ensure consideration, please apply as early as possible.
- The entrance requirements listed here are subject to change. For the most up-to-date and detailed information, please consult [nait.ca/prerequisites](https://nait.ca/prerequisites).
- NAIT reserves the right to suspend or cancel programs or make other changes as required.



## GET MORE INFORMATION

There are many things to consider when making a choice about post-secondary education. We're here to assist you with resources, advisors, and special events to answer your questions and help you decide. The Advising Centre on Main campus is a great place to start.

### NAIT.CA

The main NAIT website is where you'll find the most current details on all the programs we offer.

You'll find links to financial aid, scholarships, campus life and much more at [nait.ca/prospective-students.htm](http://nait.ca/prospective-students.htm)

### OPEN HOUSE

Find out what NAIT is 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 18 & 19, 2013 | October 17 & 18, 2014 (tbc)**

► [nait.ca/openhouse](http://nait.ca/openhouse)

### INFO WEEK

February's Info Week is a great time to get answers to any questions you might have about specific programs you're considering. See the website for schedule and details.

**February 10-13, 2014**

► [nait.ca/infoweek](http://nait.ca/infoweek)

### JUST ASK

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

**In Person:** The Advising Centre is open on Main campus in the HP Centre (Room W101)

**By Phone:** 780.471.6248 or toll free (within Canada) 1.877.333.6248

**By Email:** [asknait@nait.ca](mailto:asknait@nait.ca)

### 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.

► [nait.ca/buddysystem](http://nait.ca/buddysystem)

### TAKE A TOUR

Arrange for a tour of Main campus by emailing [asknait@nait.ca](mailto:asknait@nait.ca)

### MORE WAYS TO CONNECT ONLINE

Find the social media channels that you want to connect with.

► [nait.ca/socialmedia](http://nait.ca/socialmedia)



## Main Campus

### LEGEND

- Information
- Hourly Parking
- Bus Stop
- Parking for persons with disabilities
- Motorcycle Parking
- Bicycle Compound
- Student Permit Parking
- Daily Parking
- PWA** Pedway A
- PWB** Pedway B
- PWC** Pedway C
- PWD** Pedway D

### BUILDING INDEX

- S** Activities Centre
- O** Central Building
- G** Centre for Chemical Studies
- C** Cenovus 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
- T** JR Shaw School of Business
- J** J-Wing
- U** Learning Resources Centre
- F** Medical Wing
- QA** Parkade
- QB** Parkade
- Y** Petro-Canada Centre for Millwright Technology
- N** Sandvik Coromant Centre for Machinist Technology
- D** Services Building
- B** Shell Manufacturing Centre
- X** South Learning Centre
- Y** Spartan Centre for Instrumentation Technology
- E** Technical Building

### OFFICES AND SERVICES

- Apprenticeship Offices, **O-115**
- Athletics and Recreation, **S-105, E-134**
- Cash Office, **O-114 (South Lobby)**
- Computer Training Centre, **W-111**
- Continuing Education, **W-111**
- Encana Aboriginal Student Centre, **E-121**
- Financial Aid Office, **O-111 (South Lobby)**
- Health Services, **O-119 (South Lobby)**
- International Student Centre, **E-124**
- McNally Library, **U-310**
- NAITSA Computer Commons, **W-203**
- NAITSA (NAIT Students' Association) **E-131**
- Office of the Registrar, **O-115 (South Lobby)**
- Parking Office, **O-112 (South Lobby)**
- Project Factory, **U-210**
- Security, **D-104**
- Services for Students with Disabilities, **W-111PB**
- Student Advisory Centre, **W-101**
- Student Awards, **O-101**
- Student Counselling Centre, **W-111**
- Student Recruitment Office, **O-117 (South Lobby)**
- Techstore/Bookstore, **X-114**
- Tutorial Centre, **A-133**

### LOCATIONS

#### Edmonton

- Main Campus, 11762 - 106 Street NW
- Patricia Campus, 12204 - 149 Street
- Souch 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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