

# **cna**

**College of the North Atlantic**





# What we do...

- We offer an impressive world-class, nationally accredited range of programming in many areas of study that meets the highest demands of industry...
- Transferability opportunities that promote continuing education at home and abroad...
- Applied Research and development leadership in community and regional innovation...
- And... precedent-setting international partnerships!

# Academics

- Aboriginal Bridging Program
- Comprehensive Arts & Science (CAS) Transfer: College-University
- Comprehensive Arts & Science (CAS) Transition
- Comprehensive Arts & Science (CAS) Trades

# Applied Arts

- Art & Design Essentials (also Distributed Learning Service)
- Community Leadership Development
- Community Recreation Leadership
- Digital Animation
- Digital Filmmaking
- Early Childhood Education (also Distributed Learning Service)
- Graphic Communications

# Applied Arts

- Graphic Design
- Journalism (also Post Diploma)
- Music: Performance, Business & Technology
- Sound Recording & Production
- Textiles: Craft & Apparel Design
- Video Game Art & Design

# Business

- Atlantic Trades Business Seal
- Business Administration
  - Accounting
  - General
  - Human Resource Management
  - Marketing
- Business Management
  - Accounting
  - Human Resource Management
  - Marketing
- Office Administration
  - Executive
  - Legal
  - Medical
  - Records and Information Management

# Engineering Technology

- Architectural Engineering Technology (Co-op)
- Chemical Process Engineering Technology (Co-op)
- Civil Engineering Technology (Co-op)
- Computing Systems Engineering Technology (Co-op)
- Electrical Engineering Technology (Power & Controls) (Co-op)
- Electronic Systems Engineering Technology (Co-op)
- Electronics Engineering Technology (Biomedical)
- Engineering Technology (First Year)
- Environmental Engineering Technology (Co-op)

# Engineering Technology

- Geomatics/Surveying Engineering Technology (Co-op)
- Industrial Engineering Technology (Co-op)
- Instrumentation and Controls Engineering Technology
- Mechanical Engineering Technology
- Mechanical Engineering Technology (Manufacturing) (Co-op)
- Petroleum Engineering Technology (Co-op)
- Process Operations Engineering Technology
- Safety Engineering Technology (Post Diploma) (Co-op)
- Welding Engineering Technician

# Health Sciences

- Diagnostic Ultrasonography
- Medical Laboratory Assistant
- Medical Laboratory Technology
- Medical Radiography
- Personal Care Attendant
- Practical Nursing
- Primary Care Paramedicine
- Rehabilitation Assistant (OTA & PTA)
- Respiratory Therapy

# Industrial Trades

- Hairstylist
- Heavy Duty Equipment Technician / Truck & Transport Mechanic
- Heavy Equipment Operator
- Industrial Mechanic (Millwright)
- Instrumentation and Control Technician
- Machinist
- Metal Fabricator (Fitter)
- Mobile Crane Operator

# Industrial Trades

- Motor Vehicle Body Repairer (Metal and Paint)
- Non-Destructive Testing Technician
- Plumber
- Power Engineer 4<sup>th</sup> Class
- Powerline Technician
- Refrigeration & Air Conditioning Mechanic

# Industrial Trades

- Renovation Technician
- Sheet Metal Worker
- Small Equipment Service Technician
- Steamfitter / Pipefitter
- Welder
- Welder / Metal Fabricator (Fitter)

# Information Technology

- Computer Systems and Networking (Co-op)
- Information Management (Post Diploma)
- Programmer Analyst (Business) (Co-op)
- Software Development
- Web Development

# Natural Resources

- Agriculture Technician (Co-op)
- Fish and Wildlife Technician
- Forest Resources Technician
- Geological Technician
- Geographical Information Systems (GIS) Applications Specialist (Post Diploma)

# Tourism

- Cultural Culinary Arts & Tourism
- Tourism & Hospitality
- Tourism & Hospitality Services

# Connected Learning Network

- Prince Philip Drive campus is the lead campus for online/blended programs with 9 of 32 offerings.
- Fully online & blended/multi-site program delivery
- Brightspace (D2L) used by every instructor and every student in every course!
- Distributed Learning Service celebrated 20 years in 2018.
- Over 1,000 students via DLS from 150+ communities in NL and beyond!

# Work Integrated Learning

- Learning experiences in a work place that integrates a reflective approach.
- Apply program and employability related skills to work place needs.
- WIL provides employers with an opportunity to evaluate students for potential employment at graduation.
- From two week work exposures, to as much as a year in clinical placements, students WIL changes with each program.
- There are 15 Co-operative Education programs at three campuses.
- Wage subsidy funding may be available for eligible employers.

# Partnerships, Innovation and Entrepreneurship (PIE)

The college's external facing division supporting engagement and partnerships with industry, communities, donors, researchers, government and other post-secondary institutions.

Comprised of seven offices:

- Alumni and Advancement
- Newfoundland and Labrador Workforce Innovation Centre
- Customized and Continuous Learning
- Applied Research and Innovation
- International Office
- CNA-Q
- Partnerships, Entrepreneurship, and Community Engagement

# Office of Alumni & Advancement

Mission: to create a lifelong connected community of graduates – “alumni”.

Alumni represent the face of CNA and their success is our success. The department seeks to:

- connect Alumni with industry (many have gotten jobs through our network);
- provide meaningful mentorship opportunities;
- engrain a culture of giving; and,
- build careers and grow alumni networks.

We post jobs for employers so they can connect with our Alumni.

# Office of Alumni & Advancement

Advancement builds upon the philanthropic commitment and partnership to CNA, capitalizing on our 55+ year history serving the province of NL and building its vast network of Alumni dispersed across the globe.

It also:

- supports the development of scholarships and bursaries;
- awards and recognition;
- new ideas for growth;
- student debt support;
- college infrastructure; and,
- employment initiatives.

# NL Workforce Innovation Centre

The NL Workforce Innovation Centre (NLWIC) at CNA provides co-ordinated support to all labour market stakeholders about opportunities and best practices in workforce development throughout the province.

Goal: To promote and support the research, testing and sharing of models in workforce development that will positively impact employability, entrepreneurship, and attachment to the workforce by all, particularly under-represented groups.

Four core activities:

- Stakeholder Engagement
- Research Funding
- Best Practices Repository
- Capacity-building



# NLWIC Funded Projects

Sector Representation	Under-Represented Groups
<ul style="list-style-type: none"><li>• Agriculture</li><li>• Aquaculture</li><li>• Community Organizations</li><li>• Employment Services</li><li>• Forestry</li><li>• Health</li><li>• Technology</li><li>• Tourism</li><li>• Training &amp; Education</li><li>• Social Enterprise</li></ul>	<ul style="list-style-type: none"><li>• Immigrants</li><li>• Indigenous Peoples</li><li>• Refugees</li><li>• Women</li><li>• Youth</li><li>• Persons with Disabilities</li><li>• Older Workers</li></ul>

# Customized & Continuous Learning (CCL)

- CCL field staff strategically located throughout the province covering the training needs of 17 campus areas.
- Client-driven and relevant – drawing on CNA resources and expertise to meet specific needs of:
  - Businesses
  - Government Departments/Agencies
  - Community Organizations
  - Networks of companies with similar training needs
- Customized training:
  - From existing programming or by developing new programs
  - Content can be tailored to corporate culture or community group
  - On-campus, on-site, online!

# Customized & Continuous Learning (CCL)

## Why Invest?

- Continuous improvement (i.e. new software, processes)
- Retraining for new position within organization (i.e. supervisory skills)
- Regulatory environment (i.e. workplace safety)
- Professional certification (i.e. project management)

## Outcomes:

- Improve staff retention
- Improve productivity
- Positive impact on bottom line (quality/safety)

## Examples:

Security Services, OH&S, Environmental Monitoring, Leadership Fundamentals, Social Media Marketing, Public Relations, Conflict Resolution, Accounting, Microsoft Training, Customer Service...

# Office of Applied Research and Innovation

- Utilize community and industry challenges as the content for the college's unique capstone project curriculum (725 students doing capstone projects last year)
- Students receive real-world experiential learning opportunities and showcase skill sets to potential employers
- Faculty member supervises students as subject matter expert and stay networked and current with sector trends and challenges

# Office of Applied Research and Innovation

- OARI seeks applied research funding to support project expenses and provides project management and administrative oversight
- Community/Industry receives innovation support previously not present within the organization for little to no cost
- Product and/or processes optimized for the project partner as a result of engagement

# Office of Applied Research and Innovation

- # of companies served: 132
- # of CNA Faculty involved 2018-19: 99
- # of CNA students engaged in applied research activity in 2018-19: 725
- # of Campuses involved: 8
- NRC-IRAP Contribution has increased from \$40,000 in 2017-18 to \$100,000 in 2019-20
- CNA has been on Canada's Top 50 Research Colleges every year since it began in 2013.

# International Office

- Funded Projects - Colleges Institutes Canada, World University Service of Canada, Global Affairs Canada, etc.
- Private Client - International Customized Contract Training in NL or international delivery.
- Institutional Partnerships – Curriculum Brokering.
- Student Recruitment/Agent Development
- Partnerships with Colleges and Institutes Canada (CICan), Department of Foreign Affairs Trade and Development Canada (DFATD) and Canadian Bureau of International Education (CBIE)

# International Office

- College, faculty, and staff have travelled and worked in over 30 countries on projects
- Thousands of foreign nationals have been trained overseas
- **Project and Partnership Locations:** China, Guyana, Kenya, Qatar, Vietnam, Tanzania, Antigua, India
- **Student Recruitment:** Over 300 international students at CNA located on most campuses. Students from India, Nigeria, Jamaica, China, Vietnam, Bangladesh, Cameroon, Guyana, and the Philippines

# College of the North Atlantic - Qatar

A prime example of successful collaboration on an international scale:

- Meeting the economic development requirements of Qatar society, industry and educational needs for post-secondary students from more than 20 countries for almost 20 years.
- In February 2019, CNA and the State of Qatar signed a new three-year service agreement. CNA-Q graduated one of the largest classes in its 16-year history, with 445 students.
- More than 6,200 highly-skilled, technically-educated graduates since the beginning.

# Partnerships, Entrepreneurship and Community Engagement

- Partnership development through MOU negotiations and implementation
- Applied research funding initiatives for innovation development
- Entrepreneurship strategy development
- Aboriginal relationship management
- Community engagement and innovation
- Sector team and RIS team representation and coordination
- College Innovation Network

# Sectors to Grow

CNA, with government, has identified 12 sectors for us to grow:

- Aerospace
- Agriculture
- Aquaculture
- Arts & Culture
- Community Development
- Construction
- Forestry
- Health
- Information & Communication Technology
- Mining
- Oil, Gas, & Energy
- Tourism



Thank you!

Questions?

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