POLYTECHNICSCANADA



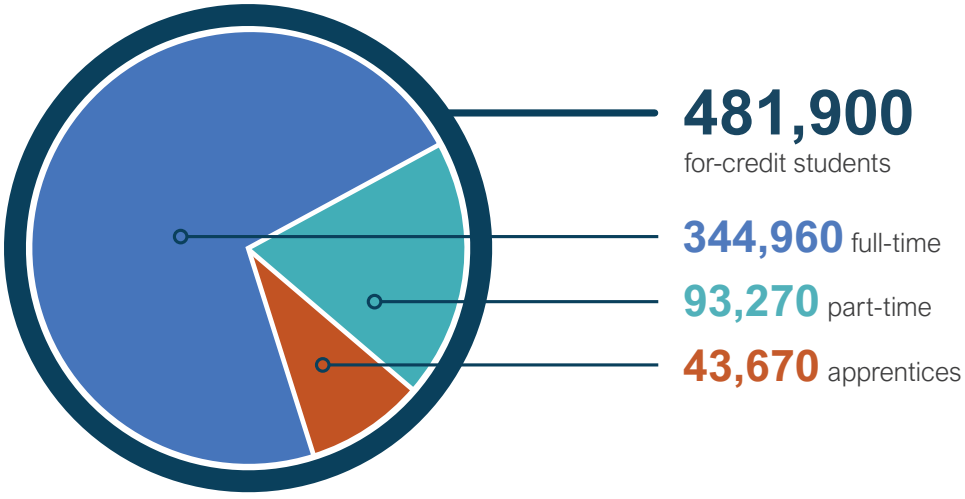
POLYTECHNICS AT WORK

Canada's long-term competitiveness depends on its ability to address workforce shortages, accelerate innovation and respond to global economic and security challenges. Canada's polytechnics play a leading role by advancing training and applied research while preparing graduates with job-ready skills and supporting lifelong learning.

Polytechnic institutions provide industry-driven education that allows students to learn in real-world environments alongside professionals using modern equipment and technologies. Polytechnics support Canada's workforce and innovation priorities in 10 key ways:

- **Industry-aligned programming**
- **Applied and experiential learning**
- **Work-integrated learning**
- **Applied research**
- **Lifelong education**
- **Bachelor and Master degree programs**
- **Red Seal apprenticeship training**
- **International education**
- **Graduate certificates**
- **Diploma programs**

In the 2024-25 school year, our members served:



Graduated **161,200 workforce-ready learners**

More than **80,000 students** took part in work-integrated learning

Welcomed **26,800 students** with a prior post-secondary credential

Credentials

Polytechnics offer career-focused education and training tailored to the changing needs of students, employers and industries. Through applied learning, graduates are prepared to contribute to economic growth, address skilled labour shortages and support innovation across sectors including national defence, advanced manufacturing, housing and construction, energy, healthcare and hospitality.

In 2024-25, Polytechnics Canada members offered:

More than **1,100** diploma programs

Over **760** certificate programs

More than **360** graduate certificates

Over **350** Bachelor's & Master's programs

Training in over **90%** of Red Seal skilled trades

Key Capabilities

Canada's polytechnics are uniquely positioned to support the country's most pressing priorities through experiential learning and industry-driven applied research. From strengthening national defence capabilities and accelerating AI adoption to addressing skilled trades labour shortages, they translate innovation into real-world solutions. By connecting education, research and industry, they create pathways from discovery to deployment and from learning to employment. In an era of rapid technological and geopolitical change, polytechnics are key partners in building Canada strong, safe and smart.

Thousands of dual-use partnerships between industry and polytechnic institutions



NATIONAL DEFENCE
Strengthening national security by supporting technology deployment and mission-ready recruitment

Over 135 Artificial Intelligence programs and courses offered at polytechnic institutions



ARTIFICIAL INTELLIGENCE
Driving productivity and competitiveness for Canada's small- and medium-sized businesses

70% of skilled trades apprentices are trained at polytechnic institutions



SKILLED TRADES
Delivering the workforce behind Canada's critical infrastructure and energy projects

Upskilling and Reskilling

As Canada faces persistent productivity challenges and an increasingly technology-driven economy, polytechnics have become a key source of workforce upskilling solutions. Our members receive **over 150,000 registrations annually in flexible, short-cycle learning opportunities** and are recognized as leading providers of industry-responsive training. Through microcredentials, customized training and sector-specific initiatives, polytechnics support workers in advancing their careers and navigating labour market transitions, while supporting employers, especially SMEs, to identify skills needs, adopt new technologies and build the workforce capacity necessary to remain competitive.

Work-integrated Learning

Polytechnic education connects learners directly with industry and potential employers through applied learning experiences. Students gain firsthand exposure to workplace technologies, professional practices and real-world challenges. In 2024–2025, **more than 80,000 students participated in work-integrated learning opportunities**, gaining valuable hands-on experience in their fields of study. These experiences help students build relevant skills, expand their professional networks and apply classroom knowledge in real-world settings. By graduation, students are well positioned to transition confidently into their careers and make an immediate impact in the workplace.

Polytechnics offer a spectrum of work-integrated learning opportunities including:

Service learning	Capstone projects	Applied research	Internships	Field placements	Co-op placements	Apprenticeships

Applied Research

Applied research refers to an exceptionally broad range of services, such as prototyping and product development, that polytechnic institutions can offer business and community partners to overcome challenges.

OUR MEMBERS OFFER:

More than 80 applied research spaces with the equipment and expertise needed to deliver solutions for partners of all sizes, across all sectors, including artificial intelligence, cybersecurity, healthcare and advanced manufacturing.

The economic and social benefits of applied research collaborations with business partners are substantial. Data indicates that every dollar invested in polytechnic applied research generates a return on investment **between $8.09 and $18.49.***

In 2025-26, Polytechnics Canada members:



Conducted
4,166
applied research projects



Developed
1,206
prototypes



Deployed over
$42.1 million
in federal funding



Leveraged an additional
$72.2 million
from other sources



Served
2,825
partners



Engaged
16,275
students



Leveraged the expertise of
1,431
faculty

**The Economic Impact of Applied Research at Canada's Polytechnics* report (2024)

Polytechnics Canada Members

If there ever were an institution designed to prepare our population for the workforce of tomorrow, it's the polytechnic. Located in Canada's key economic regions, polytechnic institutions are working in partnership with employers to develop curricula across a broad range of credentials that are aligned with real-time industry needs. The result is a multi-disciplinary talent pipeline with the technical and employability skills to hit the ground running. Polytechnics Canada members also have considerable depth and capacity to partner with industry on applied R&D, making our institutions a destination for employers seeking support with new processes, technology adoption, commercialization and more.

ALGONQUIN COLLEGE

BCIT BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

CONESTOGA Connect Life and Learning

FANSHAWE

GEORGE BROWN POLYTECHNIC

HUMBER POLYTECHNIC

KPU KWANTLEN POLYTECHNIC UNIVERSITY

NAIT

RRC POLYTECH

SAIT

SASKATCHEWAN POLYTECHNIC

Seneca POLYTECHNIC

Sheridan

About Us

Polytechnics Canada is a non-profit association representing 13 leading research-intensive, publicly supported polytechnics and institutes of technology. We advocate for federal action in areas where polytechnics provide solutions for a more innovative, productive and globally competitive country.