



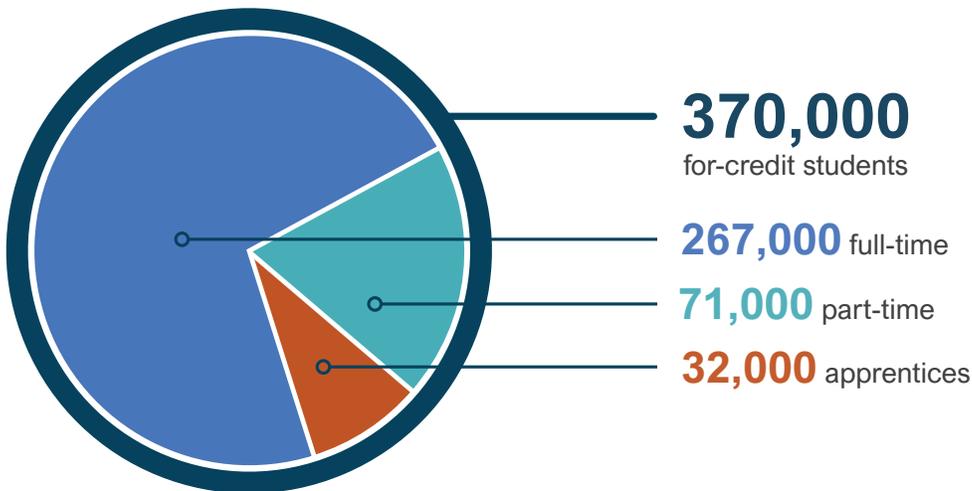
POLYTECHNICS AT WORK

Canada faces long-term challenges including skill mismatches, weak business innovation and the effects of climate change. Canada's polytechnics contribute practical solutions by building workforce-ready graduates, offering mid-career upskilling and supporting business innovation through applied research.

Polytechnic institutions are focused on strategic workforce development, allowing students to learn alongside industry professionals, to industry standards, using industry equipment. Polytechnics deliver the skills employers demand in 10 key ways:

- Industry-focused programming
- Hands-on learning
- Work-integrated learning
- Applied research
- Continuing education
- International education
- Apprenticeship technical training
- Applied degrees
- Graduate certificates
- Diploma programs

In the 2020-21 school year, our members served:



49% of learners have previously attended a post-secondary institution



84% of graduates found employment within six months of graduating



International students come from more than **140 different countries**

Credentials

Polytechnics offer a variety of programs tailored to the diverse students and sectors they serve. Learners develop the skills and confidence they need, preparing them for immediate and long-term success in the workplace.

In 2020-21, Polytechnics Canada members offered:



More than
1,000
diploma
programs



Nearly
650
certificates



More than
400
graduate
certificates



Nearly
270
apprenticeship
programs



More than
210
Bachelor's
degrees

Upskilling & Reskilling

More than 90% of Canadian workers and employers believe skills development is important. Polytechnics deliver training to those looking to upgrade their skills or re-enter the labour market. Our members receive hundreds of thousands of continuing education registrations each year, which is no surprise given that polytechnics and institutes of technology are ranked as the most appealing external training providers by Canadian workers.*

Cost is the main reason Canadians and their employers do not pursue training. **96% of workers are unaware of federal funding programs**, like the Canada Training Benefit, that will help offset the cost of skills development*



OUR MEMBERS OFFER
affordable courses at an
average **cost of \$465**

Time is the second greatest barrier to pursuing upskilling and reskilling. **Workers want to be able to complete a course in less than six months***



OUR MEMBERS OFFER
flexible courses which take
an average of **37 hours**
to complete

Nearly **50% of workers feel the pandemic has shown them the importance of upskilling and reskilling** for reasons such as improving job opportunities and changing careers*



OUR MEMBERS OFFER
nearly **20,000 courses** in a variety of
fields including health, manufacturing,
IT and the environment

Employers who previously used polytechnics and institutes of technology for upskilling and reskilling indicated the following benefits:*

- Increased productivity
- A more resilient workforce
- Filled skills gaps
- Improved competitiveness
- Supported economic recovery
- Increased workforce retention
- Facilitated internal workforce transitions
- Improved employee relationships

*Research conducted by Leger (2022) on behalf of Polytechnics Canada

Work-integrated Learning

Polytechnic education offers learners opportunities to work alongside their future employers. Students benefit from experience and exposure to the people, technology and challenges that characterize their future workplaces.

- 100% of polytechnic programs are built around an experiential component or model
- 90% of employers who hired a polytechnic graduate point to practical experience as a key benefit (Leger 2021)

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

Service learning	Capstone projects	Applied research	Internships	Field placements	Co-op placements	Apprenticeships
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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 75 applied research spaces with the equipment and expertise needed to deliver solutions for partners of all sizes, across all sectors.

In 2020-21, Polytechnics Canada members:



Leveraged the expertise of
1,870
faculty



Engaged
23,200
students



Served
2,600
partners

Had to **leave behind**
715 partners because
of inadequate funding**



Conducted
3,720
applied research
projects



Developed
3,320
prototypes



Deployed nearly
\$38.7 million
in federal funding



Leveraged an additional
\$61.9 million
from other sources

**As a result of College and Community Innovation Program grant constraints, in 2020, 715 partners had to be turned away by eligible institutions (NSERC 2021)

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 industry 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



BCITTM
BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY



CONESTOGA
Connect Life and Learning



FANSHAWE



**GEORGE
BROWN**
COLLEGE



HUMBER



KPU | KWANTLEN
POLYTECHNIC
UNIVERSITY



NAIT



RRC
POLYTECH



SAIT



SASKATCHEWAN
POLYTECHNIC



Seneca



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.