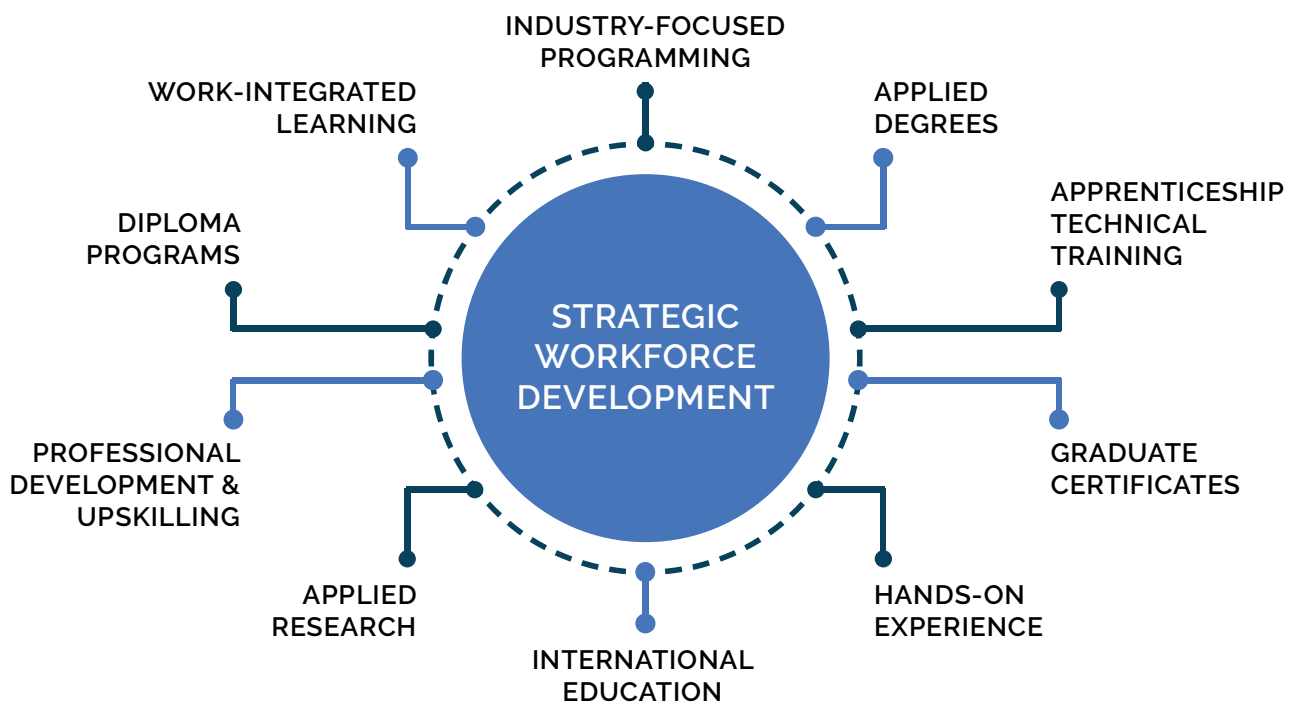


POLYTECHNICS AT WORK

Close ties to employers represent one of the distinct advantages of a polytechnic education and is a key ingredient to strong labour market outcomes. Curricula are developed in consultation with industry partners, resulting in a talent pipeline that is responsive to emerging requirements. Instructors are drawn from industry, offering students an intimate understanding of the work environment and equipment used in the field. Businesses and organizations partner with polytechnics to solve their challenges through applied research, creating opportunities for work-integrated learning that position graduates for a smooth transition from education to employment.

Polytechnic institutions are explicitly focused on strategic workforce development. With a breadth of programming approaches, learning strategies and credentials, polytechnic education delivers the skills in demand for an evolving and dynamic economy.





Credentials

Polytechnics offer an exceptionally broad range of programs suited to the students and sectors they serve. Learners develop the skills and confidence needed by employers, preparing them for immediate and long-term success in the workplace.

In 2017-18, Polytechnics Canada members offered:

- 998 Diploma programs
- 624 Certificate programs
- 345 Graduate Certificate programs
- 271 Apprenticeship programs
- 199 Bachelor's degrees
- 27 Bachelor's degrees offered jointly with universities

Student Profile



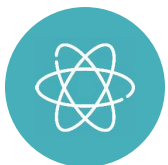
In 2017-18, the 13 members of Polytechnics Canada served 370,000 for-credit learners.

- 247,000 full-time students
- 80,100 part-time students
- 40,300 apprentices

Polytechnic students are exceptionally diverse:

- 25% of students have completed a previous post-secondary credential; 16% have partially completed another credential prior to attending a polytechnic
- 70,000 international students from over 130 countries
- 49% of full-time and part-time students are female, representing over 160,000 learners

In 2017-18, polytechnics graduated 84,400 students into the workforce, with an employment rate of 87.5% across all programs.



Applied Research

In 2018-19, Polytechnics Canada members:

- Served 2,900 partners
- Developed 1,975 prototypes
- Conducted 3,100 applied research projects, active or completed
- Engaged 18,900 students in applied research
- Deployed nearly \$39-million in federal funding
- Leveraged an additional \$66.5-million from other sources

Work-integrated Learning



Polytechnic applied education offers learners opportunities to work alongside their future employers as part of their post-secondary program. Students benefit from experience and exposure to the people, technology and challenges that characterize their future workplaces.

- 62 per cent of all degree, diploma and graduate certificate programs include a work-integrated learning component

Work-Integrated Learning offered at polytechnics includes:

- Co-op programs
- Capstone projects
- Apprenticeship
- Applied research
- Field/clinical placements
- Internships
- Service learning
- In-class projects to solve an industry challenge



Mid-career Upskilling/Reskilling

Polytechnics Canada members offer more than 7,727 short courses to those looking for professional development, continuing education or personal interest learning programs. On average, these courses take 46 hours to complete and cost \$417.

Subject matter includes:

- Business and leadership
- Construction, engineering and the skilled trades
- Health, sciences and community services
- Hospitality, tourism and culinary arts
- Information and communications technologies
- Language and writing
- Media and design
- Social services and arts

About Us

Polytechnics Canada is the voice of leading research-intensive, publicly funded polytechnics, colleges and institutes of technology. Our mission is policy advocacy for federal action in innovation and skills.

Polytechnics Canada members play a critical role in enhancing Canada's productivity and innovation. Through their facilities and networks, our members provide meaningful solutions to industry problems and accelerate knowledge transfer. Graduates are job-ready and armed with the skills employers need across sectors.

Close ties to industry make the polytechnic talent pipeline dynamic and responsive to the challenges of developing the future workforce. Polytechnics work with industry to build programs and design curricula, to conduct applied research that helps firms scale and get products to market. They offer students work-integrated learning opportunities and position graduates for careers. Beyond the traditional student, polytechnics embrace those at mid-career who find themselves displaced from the labour market or simply need short-term retooling to refine and modernize their skillsets.

At Polytechnics Canada, we are proud promoters of the polytechnic education model—applied, hands-on and technical; industry-focused and industry-driven.

Learn more at polytechnicscanada.ca

Our Members

