



Global Capability Statement 2025



Applied Education | TVET | Skills Development | Capacity-building
Partnership | Innovation | Workforce Readiness | Inclusion | Impact

Executive Summary

Humber Polytechnic is one of Canada's leading post-secondary education institutions, internationally recognized for excellence in applied education, innovation, and global engagement. Across disciplines, from engineering and business to health sciences, ICT, media, creative industries, and sustainable design, our 220+ programs integrate theoretical rigor with practical experience through work integrated learning, applied research, and deep industry collaboration. Our commitment to inclusive, high impact education makes Humber a trusted partner in initiatives that strengthen workforce readiness, accelerate sustainable development, and drive inclusive economic growth.

Humber's in-house expertise spans applied research and innovation, workforce reskilling, competency based curriculum design, digital learning transformation, and gender mainstreamed program development. Our global partnerships include governments, industry leaders, global development organizations, TVET authorities and institutions in partner countries, grassroots organizations, and academic networks across Canada and internationally.

Quick Facts



86,000+

Learners annually
(full-time, part-time,
micro-credential)



10,000+

International
students from
130+ countries



220+

Full-time programs &
100+ micro-credentials
across 17 areas of study



Top 10

Applied-research
college in Canada



83%*

graduate employment
rate within six months
of completion



100+

international
projects and training
assignments



6

Academic
Faculties

5

Centres of
Innovation (COI)
Network

Our Distinctive Strengths



Workforce-Driven

Anchored in labor market intelligence, Humber equips learners with future-ready skills to drive economic transformation. Through applied labor market research, sector-specific skills mapping, and targeted reskilling pathways, we align training with dynamic employment, entrepreneurship, and economic transformation. Our programs foster green skills, build workforce resilience, and accelerate entrepreneurship in high-growth sectors.

TVET-Centred

A global leader in modern Technical and Vocational Education and Training (TVET) reform, Humber strengthens systems through competency-based curriculum development and design, accreditation support, and advanced trainer development. We drive digital transformation of learning through cutting-edge Learning Management Systems (LMS), blended delivery, and virtual lab models. Our expertise extends to institutional governance reform and quality assurance frameworks, enabling more agile, inclusive, and industry-aligned TVET ecosystems.

Innovation-Led

Humber integrates innovation and applied research at the core of its programs. Living labs, industry-partnered prototyping, and applied research initiatives foster the adoption of green, digital, and emerging technologies. Our agile micro-credentialing and Recognition of Prior Learning (RPL) pathways enable learners, especially informal and displaced workers, to access rapid upskilling and certification aligned to market needs.

Industry-Connected

All Humber programs are co-designed with employers, sector councils, and global industry leaders. We ensure relevance and promote pathways to decent work and lifelong learning across priority sectors, including renewable energy, sustainable construction, water-smart agriculture, ICT and AI, advanced manufacturing, and digital transformation. Humber also empowers Micro, Small & Medium Enterprises (MSMEs) and start-ups through inclusive entrepreneurship models and business incubation programs.

Partnership-Focused

Humber's global impact is amplified through trusted partnerships with governments, donors, academic institutions, and the private sector. We collaborate closely with national TVET agencies, skills councils, and development partners to co-create scalable solutions that drive systemic change across Canada, Africa, Asia, and Latin America and the Caribbean.

Inclusive & Impact-Oriented

Guided by gender equality, social inclusion, and climate action, Humber embeds gender mainstreaming and inclusive design in all programs and partnerships. We conduct gender audits, develop gender-responsive curricula, and foster leadership pathways for women and underserved groups, ensuring no one is left behind in the green and digital transition.

Strategic Capability Areas at Humber Polytechnic



1. Energy Systems & Sustainable Engineering

- Renewable-energy technology (solar-PV, wind, geothermal) and nuclear-workforce micro-credentials (SMR & CANDU refurbishment)
- Barrett Centre for Technology Innovation (LEED-Platinum) as a living lab for hydrogen, smart-grid, and energy-storage R&D
- Civil, mechanical, electromechanical, and sustainable-building engineering programs co-designed with Siemens, Schneider Electric, and Toronto Hydro



2. Advanced Manufacturing & Industry 4.0

- Robotics, industrial IoT, AI-enabled quality control, and additive-manufacturing suites
- Flexible, stackable micro-credentials that reskill technicians for lights-out and green-retrofit production lines
- Collaborative projects with GE Additive, ATS Automation, and the Canadian Manufacturers & Exporters association



3. ICT, Cybersecurity & Data Intelligence

- Software development, cloud computing, fintech, data analytics, and full-spectrum cybersecurity programs
- AI and machine-learning labs, cyber ranges, and Google-Cloud sandbox environments
- Industry alignment through co-ops and capstones with IBM, Cisco, Deloitte, and provincial digital-innovation hubs



4. Business, Entrepreneurship & Innovation

- Finance, marketing, supply-chain, and ESG-management curricula featuring live case studies and venture challenges
- Longo Centre for Entrepreneurship-incubation, mentorship, and seed-funding pipelines with special tracks for women- and youth-led MSMEs
- Innovation-driven partnerships with BMO, Shopify, and regional economic-development agencies

 5. Health, Community & Social Impact	• Nursing, allied-health, social-service, and early-childhood programs integrating high-fidelity simulation and clinical placements • Partnerships with leading hospitals, EMS agencies, and community organisations • Inclusive, community-embedded practice addressing population-health and social-equity goals
 6. Applied Language Education (TESL & ESP)	• Teaching English as a Second Language (TESL) certificates accredited by TESL Ontario • English for Specific Purposes (ESP) and sector-focused language bridging for healthcare, aviation, and business • Global delivery through virtual exchange, offshore cohorts, and settlement-agency partnerships
 7. Competency-Based Teaching & Learning (CBTL)	• Institution-wide framework mapping learning outcomes to demonstrable skills and digital badges • Faculty development centres offering micro-credentials in CBTL design, assessment, and Recognition of Prior Learning (RPL) • Consulting services for governments and HEIs adopting national-qualification frameworks

Cross-Cutting Strengths

Equity Diversity and Inclusion (EDI), gender responsive pedagogy, digital innovation, and applied research culture underpin every capability, positioning Humber as a catalyst for inclusive economic growth, energy transition, and social impact, both in Canada and internationally.

Humber Global Academy

Humber Global Academy collaborates with international partners to deliver education and skills development solutions that promote inclusive growth, workforce transformation, and sustainable development.

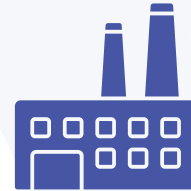
As part of Humber Polytechnic, a leading Canadian institution recognized for its applied learning and strong industry connections, the Academy leverages Humber's institutional expertise in applied education, innovation, and workforce engagement.



1,000+
training sessions
delivered
worldwide



Presence in
30+
countries



Engagement
across
12
different industry
sectors

Value Proposition

Applied and practical relevance: Programs are designed for immediate workplace impact.

Flexible and adaptive delivery: Modular, online, and hybrid models tailored to partners' contexts.

Strategic partnerships: Collaboration with governments, NGOs, and education systems worldwide.

Commitment to inclusion and sustainability: Gender equity and sustainable development integrated throughout.

Proven global expertise: Over a thousand training sessions delivered in more than 30 countries.

Sectors of Expertise

Humber Global Academy operates across a wide range of sectors, including:

- Education (Technical and Vocational Education and Training – TVET)
- Government and Institutional Development
- Clean Energy and Transition Industries
- Health

Service Offerings

1. Training Services

Humber Global Academy delivers tailored training programs that strengthen workforces and prepare organizations for the future. Our approach blends Humber's reputation for career-focused, applied education with flexible delivery models that meet learners where they are.

Our training combines hands-on learning, industry-expert faculty, and internationally recognized credentials. Whether through micro-credentials, modular courses, or full programs, participants gain skills that deliver immediate impact in the workplace.

Humber micro-credentials are aligned with the eCampusOntario Micro-credential Principles and Framework, ensuring global recognition and value.

We provide:

- **Corporate training** designed to align with organizational priorities and industry standards.
- **Private training centres** that support ongoing professional development.
- **Public sector training** that empowers governments and institutions to deliver stronger, more inclusive services.

2. Capacity Building

We partner with governments, institutions, and organizations worldwide to design and implement solutions that expand education systems and strengthen organizational capacity.

With a proven track record in institutional reform, Humber Global Academy has helped partners establish new curricula, launch teaching and learning centres, and integrate sustainability and gender equity into core operations. The result is stronger institutions that are better equipped to prepare future-ready workforces.

Our Capacity Building Expertise Includes:

- **Education system development** that modernizes teaching and learning structures.
- **Institutional strengthening** that enhances governance, leadership, and sustainability.
- **Leadership development** that equips decision-makers to manage change and foster inclusive growth.

3. Advisory Services

Humber Global Academy provides practical, evidence-based advisory that helps partners design, execute, and scale solutions—anchored in performance, inclusion, and sustainability.

We support:

- **SMEs in priority sectors**, targeted support for Energy, Health, ICT & AI, Advanced Manufacturing, and Hospitality & Tourism: market and value-chain assessments, productivity/quality improvement, skills audits, and access-to-finance readiness.
- **Business planning**, strategic and operational plans with KPIs; financial models (base/optimistic/conservative); governance and risk frameworks that translate vision into executable roadmaps.
- **Technical assistance**
Hands-on implementation support—curriculum/program design (TVET, CPD, micro-credentials), institutional process redesign, digital transformation, procurement/compliance and quality assurance toolkits.
- **Monitoring & Evaluation (M&E)**
Theories of Change and results frameworks (RBM/Logframe), indicator design and data tools, baselines/midlines/endlines, tracer studies, dashboards, and learning cycles to drive decisions.
- **Gender mainstreaming**
Context-specific gender analyses and action plans, inclusive program design and safeguarding protocols, gender-responsive budgeting/procurement, and training on bias reduction and inclusive leadership.

Global partnerships

**Let's
Build
the Future
Together**

Humber Global Academy serves as Humber Polytechnic's strategic platform for the internationalization of applied education. Through its global partnerships, the Academy enhances institutional capacity, supports innovation in teaching and learning, and responds to the evolving challenges of a dynamic global labor market.

Its mission aligns with Humber's broader goal: to empower individuals, strengthen organizations, and contribute to sustainable and inclusive development worldwide.



Humber Global

International Centre, LRC 2nd Floor
205 Humber College Blvd.
Toronto, Ontario, Canada M9W 5L7

Phone: +1-416-675-5067

Fax: +1-416-675-6386

Email: internationaldevelopmentinstitute@humber.ca

Website: humber.ca/global/globalacademy

