Mohawk College
Open for Business
Ready to Partner
Here at Mohawk we are in the business of building a future ready workforce. We educate and serve more than 22,000 full time, part time and apprenticeship students every year.

More than 100,000 students have graduated from Mohawk since we opened our doors in the mid-1960’s, with the majority of our graduates continuing to live and work in this area.

What has made our students successful is that we are always connected with the communities that we serve. More than 1,000 private, public and non-profit sector partners throughout our community, across Ontario, and beyond help train our students through co-ops, clinical and field placements.

By the same token, our partners have derived similar success from our collaborations. Mohawk continues to be one of Canada’s top research colleges through our focus on applied research in energy generation and distribution, additive manufacturing/3D printing and electronic and mobile health solutions.

We have been fortunate to have so many mutually productive relationships — and to those partners past and present we thank you. But to continue this shared success, it is critical that we continue to build more opportunities for our whole community to engage and for our students to benefit from broader opportunities for hands-on learning.

We have developed this guide so that you, our industry and community partners, can learn more about how we can work together to both meet your business and strategic objectives, while at the same time building rich collaborations that help us educate, train and graduate a workforce that is ready to work and be successful.

I encourage you to explore all of the ways that our college can support you and your initiatives. Consider us now, and always, open for business and ready to partner.

Ron J. Mc kerlie
President, Mohawk College
Mohawk’s centre for applied research is iDeaWORKS. iDeaWORKS is a regional centre for industry commercialization, entrepreneurial collaboration and creativity.

An acronym for innovation, design thinking, entrepreneurship, and applied research, iDeaWORKS collaborates closely with industry to commercialize ideas and improve business productivity by providing access to knowledge, staff, state-of-the-art labs and research capacity.

Industry partners working with iDeaWorks benefit from access to leading expertise, technology, resources, and testing facilities at Mohawk and help support the workplace readiness of Mohawk’s students.

mohawkcollege.ca/ideaworks
ideaworks@mohawkcollege.ca
Additive Manufacturing Resource Centre (AMRC)

The AMRC’s industry partners gain more than access to leading edge 3D Printing technology. They’ll also work alongside the next generation of parts designers, technicians and technologists.

About the AMRC

Focused on working with both the smallest and largest industry partners, the AMRC can print 3D models, prototypes, tooling and production parts out of titanium, aluminum, nickel, stainless steel, bronze and other materials. Manufacturers can use a direct metal laser sintering printer to test variations in a part’s shape, weight, thickness, density and use different grades of metal powder alloy. Plastic 3D printers at the AMRC can allow industry partners to create preliminary designs before commissioning metal parts.

AMRC partners with industry in four areas:

- Testing the feasibility of producing existing products with existing designs using additive manufacturing technology in place of conventional processes
- Optimizing existing product designs to improve functionality and quality while reducing costs
- Designing and developing new products using additive manufacturing technology that could be manufactured using conventional processes
- Developing and testing new materials to manufacture products using additive manufacturing

“For just 45 minutes from Com Dev, we now have the capability of imagining an idea, and having the proof of concept model created by the next day. That’s mind boggling in our industry and a staggering business advantage.”

Mike Williams, President, Com Dev International

For more information contact:
Additive Manufacturing Resource Centre
amrc@mohawkcollege.ca
905-575-1212 ext. 3214
Read more at mohawkcollege.ca/amrc
mHealth & eHealth Development and Innovation Centre (MEDIC)

MEDIC’s industry partners can gain access to a working eHealth ecosystem and connect with the technology, experience and industry contacts necessary in the development and commercialization of new health IT.

About MEDIC
MEDIC specializes in eHealth (electronic health) and mHealth (mobile health). MEDIC helps businesses, especially small to medium-sized enterprises, bridge the gap between the needs of the healthcare system and the development of innovative new technology. The centre provides access to expert design assistance, software development, optimization and integration assistance, implementation assistance, and is a resource for specifications, system documentation repositories and best practice guidance and tooling.

MEDIC partners with industry in four areas:

- **Research**: MEDIC can share subject matter knowledge and Mohawk faculty expertise in the field of health informatics, providing an understanding of eHealth and mHealth needs and standards
- **Development**: Through its online “living-lab” environment, MEDIC works with its partners to undertake a significant amount of their software development in a cost-effective, secure and efficient manner
- **Testing**: MEDIC provides testing services that include conformance testing, regulatory compliance testing, compatibility testing and privacy compliance and security penetration testing
- **Training**: MEDIC provides training for health system personnel requiring assistance with eHealth and mHealth technology such as patient identity management, HL7 Clinical Document Architecture (CDA), IHE Overview and IHE Patient Identity Management

MEDIC is the founder of AppsForHealth, Ontario’s premier information-sharing, networking and recruiting event for the digital health industries.

“mHealth Solutions is a small Ontario company providing digital health technology in cardiac care to improve patient health outcomes in Ontario. We worked with Mohawk College’s MEDIC Research group to help us implement a secure electronic document exchange to our service from primary care clinics which will vastly improve the efficiency of the service. The expertise available at the college was very impressive and the engagement was both professional and cost-effective.”

_Sandy Schwenger, CEO, mHealth Solutions_

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Read more at mohawkmedic.com
Mohawk Energy and the Advanced Power Systems Laboratory

Mohawk Energy and the Advanced Power Systems Laboratory are a hub of innovation for energy and power sectors. Highly specialized PhD researchers, professional engineers, technologists, technicians and co-op students can partner with industry to evaluate, develop and refine the technologies required for the modernization of electrical power systems.

About Mohawk Energy

Mohawk Energy specializes in the research required for the modernization of electrical power systems. Major research areas being addressed by the Energy group include smart grids/microgrids, industrial networking, power quality, electric vehicle chargers and energy storage systems.

The Advanced Power System Laboratory (APSL) is based at Mohawk College with an off-site lab located at McMaster University. APSL is used both as a training and research facility with a specific focus on networked power system protection/control and communication technologies.

Mohawk Energy partners with industry in the following research areas:

- **Energy Monitoring**: Monitoring the renewable energy installations (wind and solar) and non-linear loads (energy efficient appliances) to provide comprehensive real world data in a living, controlled environment

- **Power Quality**: The Advanced Power Quality Laboratory (APQL), which provides a state-of-the-art replica of a real-world power distribution system. The various test beds include equipment such as power transformers, measurement/instrumentation devices (current and potential transformers), protection and control systems, grid-tie inverters and electric vehicle charging systems

- **Feeder Automation Test Bed (FATB)**: The FATB was developed in partnership with SIEMENS Canada as a test platform which can be used to validate the performance of feeder automation control schemes. As a research and educational tool, FATB covers various concepts including feeder functionality, substation automation systems, protection and control performance, fault analysis, IED programming and networking

The Sustainable Resource Centre is a new sustainability-focused research and teaching space at the Stoney Creek Campus for Skilled Trades

For more information contact:
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905-575-1212 ext. 4082
Read more at mohawenergy.ca
The Agency
Supporting Community Campaigns

Mohawk College’s McKeil School of Business has launched an exciting new learning initiative named The Agency. The Agency solicits submissions from area not-for-profit organizations and start-ups in the fall and spring to allow our students to develop strategic marketing campaigns for the benefit of the organization. Currently, students from the Advertising and Marketing Communications Management, Business, Marketing, and Public Relations programs are involved in developing marketing communications campaigns for clients of The Agency.

The mandate of The Agency is to provide student involvement on selected campaigns for predominantly not-for-profit organizations. Student teams from allied programs, working together under the guidance of Mohawk College faculty, collaborate in a multi-disciplinary framework. The goal is to provide students with a “real-world” experience by creating and delivering comprehensive marketing communications solutions for actual clients in a professional environment.

The Agency can work with clients to develop a variety of campaigns including:

- Public relations strategies
- Market research and branding
- Brand identity programs
- Advertising strategies (in a variety of media including print, out-of-home, broadcast and social media)

If the project requires, students collaborate with others in allied programs like Broadcast Media and Software Development to create multi-media campaigns.

For more information or to submit your organization for the next round of proposals, contact:

Joe Duda
Manager, The Agency
theagency@mohawkcollege.ca
905-575-1212 ext. 4188

View our portfolio at theagency.mohawkcollege.ca
Mohawk College Enterprise (MCE)  
Training and Consulting for your Business

At MCE we recognize the importance of enhancing skills development and investing in human capital. Through our expert trainers, we provide training and customized solutions with the latest techniques and technology.

About Mohawk College Enterprise

MCE is a stand-alone business-to-business corporation established by Mohawk College to prepare people and companies with the skills and expertise required to succeed in today's fast-paced world. MCE is the exclusive provider of corporate training and consulting services on behalf of the college.

MCE focuses its training and consulting efforts on:

• Leadership
  – Customized training solutions to meet the specific leadership and supervisory needs of clients in all industry sectors
  – Programs such as Future Ready Leadership designed to enhance the skills of emerging leaders
  – Certificate programs such as Manufacturing Leadership Certificate Program (MLCP) and Maintenance Management Professional (MMP)
  – Consulting in the area of Human Resources and Strategic Planning

• Health Sciences
  – Credit and Certificate Programs such as Multidisciplinary Breast Imaging, MSK Ultrasound, Trauma Imaging, Digital Imaging and others

• Technology
  – Backflow Prevention (Cross Connector), Gas & Oil Burner Technician, QuickStart Welding and others
  – Bachelor of Technology (Leadership Curriculum) in partnership with McMaster University
  – Computer Courses (Microsoft Word, Excel, PowerPoint, Sharepoint, and Social Media)
  – Emerging technologies, new IT Solutions as they are required for business and industry

ArcelorMittal Dofasco (AMD)

Mohawk College has a long history of involvement with the steel industry, including the development of mechanical and electrical apprenticeship programs. The college’s “Enterprise Initiative” developed training on behalf of AMD and now plays an integral role as part of their “Centre of Excellence,” delivering a world class level of service and support around the globe. Our “Steel Worker of the Future” program being offered by AMD in Chicago has been recognized by the Gates Foundation as a lead example of how training should be delivered.
Training our Skilled Workforce

Mohawk is one of the largest trainers of apprentices in the province. We offer state-of-the-art facilities and students gain hands-on training on up-to-date leading edge equipment. Our faculty are regarded as leaders in their industry. We offer apprenticeship training in various trades, the vast majority of which can lead our students to Red Seal designations. We also work with our industry partners to look for specific training solutions to address their workforce development needs.

Our programs (활동 =Red Seal Programs):

- Auto Body and Collision Damage Repairer
- Automotive Service Educational Program A.S.E.P (General Motors) – Cooperative
- Automotive Service Technician
- Electrician (Construction and Maintenance)
- General Carpenter
- General Machinist
- Horticulture Technician
- Industrial Electrician
- Industrial Mechanic (Millwright)
- Instrumentation and Control Technician
- Metal Fabricator (Fitter)
- Plumber
- Refrigeration and Air Conditioning Systems Mechanic
- Sheet Metal Worker
- Steamfitter
- Truck and Coach Technician
- Truck-Trailer Service Technician
- Welding

“To get ahead of a looming skills shortage and stay a North American leader in steel fabrication, Walters worked with Mohawk College to launch a two-semester Mechanical Techniques Welding and Fabrication certificate program. Through our collaborative program, students learn and earn by studying at Mohawk’s skilled trades campus and working two days a week at our plant doing structural steel fitting. We also have a significant number of Mohawk technology graduates working in our corporate office on major construction projects with clients across North America.”

Marty Verhey, Human Resources Manager, Walters Inc. Hamilton

If you have any questions about apprenticeship or we can help you with your skilled training needs please contact:

Piero Cherubini
Dean, Skilled Trades and Apprenticeship
piero.cherubini@mohawkcollege.ca
905-575-2513

Read more at mohawkcollege.ca/apprenticeship
Talent Development and Workforce Strategies

Mohawk programs and services prepare individuals for pathways to further education, training and workforce opportunities. Employer priorities in training, talent development and workforce strategies can be comprehensively addressed through our Co-op Education and Community Employment services. Our team can help employers find qualified co-op students and graduates to meet their talent needs for today and in the future.

Mohawk expertise in academic assessments, upgrading and essential employability skills supports rapid on-boarding of talent. Coupled with special employer incentives, we can offer a strong value proposition that supports business competitiveness and growth.

Services include:

- On-campus employer events and interviews
- Summer and full-time hiring incentives
- Specialized screening to ensure the right fit
- Access to highly skilled graduates in specialized fields – over 31 programs

By forming robust community partnerships, Mohawk is building a future workforce with the skills, the drive and determination to make our community an even better place for individuals and their families.

“L-3 Wescam has built a strong and mutually rewarding partnership with Mohawk College, offering cooperative work terms to students and rewarding careers for graduates. Our company is a world leader in the design and manufacturing of stabilized, multi-spectral imaging systems. We count on highly skilled job-ready graduates to serve our customers, drive innovation, grow our business and sustain our industry leadership. Mohawk consistently delivers.”

Roman Turchyn, VP Human Resources, L-3 Wescam, Burlington

For more information contact:

Jim Vanderveken
Dean, Interdisciplinary Studies
jim.vanderveken@mohawkcollege.ca
905-575-2303
Supporting Health and Community Care Partners

The Faculty of Health Sciences and Community and Urban Studies works with health care and community agencies to match students from a wide range of programs with clinical, field placement and supervised volunteer opportunities. Students can provide valuable human resources to your organization and at the same time are acquiring the practical skills necessary to make them the employees of choice upon graduation.

The benefits of student placements include:

• Access to dedicated and committed students who will work directly with your staff in the provision of services and care
• Oversight and support from Mohawk College staff and faculty
• An opportunity to identify and evaluate students who you may want as future employees
• Opportunities for your staff to re-energize and learn from the enthusiasm and challenge that students bring

Unpaid placements are available through the following programs:

• Early Childhood Education
• Health Wellness and Fitness
• Social Service Worker
• Massage Therapy
• Police Foundations
• Nursing
• Medical Imaging

“I am consistently impressed with the skill levels and professionalism of Mohawk College students who are on clinical placements with our Diagnostic Imaging and Medical Diagnostic Units at Hamilton Health Sciences and St. Joseph’s Healthcare Hamilton. I am also proud to serve on Mohawk's Medical Radiation Sciences Advisory Committee and help in the development of new program opportunities that will develop our next generation of health care professionals.”

David Wormald
Integrated Assistant Vice President
Diagnostic Services and MDU,
Hamilton Health Sciences and
St. Joseph’s Health Care Hamilton

For more information contact:
Paul Armstrong
Dean, Health Sciences
and Community Studies
paul.armstrong@mohawkcollege.ca
905-575-1212 ext. 4084
Embracing Internationalization

The Mohawk International Language and Culture Centre (LCC) was opened in January 2015. The Centre’s mandate includes programming and services to support the development of international and domestic ESL students in our community, international professional development for Mohawk staff, and integration between the college’s international population and the surrounding community.

The LCC runs regular workshops and events and serves as a hub for internationalization. Our programs include:

- **The IELTS Testing and Training Centre** offering testing for college/university entrance and immigration purposes at Fennell Campus plus additional off-campus test settings (Ridley College, Niagara)
- **English language (EAP) instruction** is offered every 7 weeks to allow students greater flexibility to fast-track into their chosen program of studies
- **Cultural inclusion and diversity workshops** provide participants with increased awareness of the cultural differences and academic expectations of a growing international student and new Canadian population. Session participants are provided with some of the tools required to assist in coping with cross-cultural situations in the classroom or workplace
- **Student/Staff Exchanges** – Exchanges between multiple countries with our students and staff provide a global experience that augments the classroom or stretches ones awareness beyond the community in which they live. Opportunities to participate in international experiences through Mohawk should be directed to Mohawk’s LCC
- **TESL Training** – serves overseas partnerships requesting Mohawk Faculty, and supports the growing market for those wishing to be trained for overseas TESL teaching

For more information contact:

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Industry Experience Guides our Programs
You can be a part of shaping the next generation of your industry

At Mohawk, students and learning are at the heart of all we do. The wealth of knowledge and experience brought to Mohawk by volunteers on our Program Advisory Committees keeps our programs current, relevant and responsive. Program Advisory Committee members help us maintain the high academic standards needed to prepare our graduates for the workplace.

Program Advisory Committees usually meet three times per year. We look for guidance in key areas including:

- Curriculum development and revision in their area of expertise
- Graduate profiles
- Co-op and work experience
- New technologies and processes that should be included in programs

Committee members act as ambassadors for our programs in the community and are invited to meet with Mohawk's President annually to provide additional input and receive an update on college initiatives and strategic directions.

If you are interested in being a part of the Program Advisory Committee for your sector, please contact:

Dr. Christine Bradaric-Baus
Vice President, Academic
christine.bradaric-baus@mohawkcollege.ca

Partnerships Create Opportunities and Success

Collaboration with other institutions has long been central to Mohawk’s approach. Mohawk and McMaster have arguably the strongest college-university partnership in Ontario, a relationship that is exceptional amongst research-intensive universities and is a source of pride for both institutions. Most of that research is in health and technology related fields. Almost every McMaster faculty has an active partnership with Mohawk and the variety of these has been growing steadily.
Meeting the needs of our partners

We want to hear from you!

Please complete this brief survey to ensure that we deliver the services that make the best sense for both you and our students.

The survey can be found at: mohawkcollege.ca/openforbusiness

Ron J. McKerlie
President, Mohawk College

“We are proud to count Mohawk College students and alumni as part of our crew at McKeil Marine, one of Canada’s leading service providers. Mohawk students learn by doing and that leads to future-ready graduates with the skills, experience and attitude valued by our company. Mohawk received our single largest corporate donation because we believed it was a smart investment in the continued success of our company and the future prosperity of our community.”

Blair McKeil, Chairman and CEO, McKeil Marine, Hamilton