AUTOMATION ENGINEERING



BACHELOR OF TECHNOLOGY

Develop highly tuned analytical and design skills and gain specialized knowledge in sensors, instruments, actuators, industrial networks, process control and automation, SCADA, programming, statistical process control, internet technologies, and the integration of plant floor data with business systems. The program also integrates core business and management skills and is an Accredited Business Degree (ACBSP). In 4.5 years, students graduate with a degree from McMaster University, an advanced diploma in Chemical Engineering Technology – Process Automation and Certificate in Business from Mohawk College, and 12 months of co-op work experience.

Potential Employers

- Apotex Inc.
- Honda Canada
- Celestica
- JMP Solutions
- CGI
- L3Harris
- Collins
- WESCAM
- Aerospace
- Linamar
- FGF Brands Inc
- RidgeTech

Potential Careers

- Automation Assistant
- Business Systems Analyst
- Continuous Improvement Specialist
- Control and Drive System Student
- IT Project Specialist
- Manufacturing Assistant
- Operational Excellence Student
- Test and Validation Engineer

Average Salary

All work term opportunities must be compensated by your employer. Compensation for work terms varies widely depending on your employer, industry of employment, program of study, year of study, and prior work experience.

In 2022/2023, the average hourly wage for undergraduate co-op students was **\$23.00 per hour**. The wage range for students was between \$16.00 to \$60.00 per hour.

terms available

How Do Employers Get Involved On Campus?

- Engineering Networking Nights
- Hosting Career Development Workshops
- Involving in organizing capstone projects, hackathons, or research projects
- McMaster Career Fair
- Posting positions on Oscarplus (Job Board)





ENGINEERINGCo-op and Career Services

Want more information on the program? Visit:

https://www.eng.mcmaster.ca/sept/programs/degree-options/btech-automation-engineering-technology/

ENGINEERING CO-OP & CAREER SERVICES

Engineering Co-op & Career Services (ECCS) connects students with employers, offers career development tools and resources, and provides opportunities for students to gain employment experience.

We understand that every student is different; your career journey is shaped by the many experiences you have. Engineering Co-op & Career Services is here to prepare you for your future. Our approach allows you to have the flexibility to make your own decisions and choices, with the support of our team and subject-matter experts. We are here to guide, support, coach and offer expertise, resources and options.

Our program is optional, flexible and accessible for all.

- Co-op is available in all degree options.
- A minimum of 12 months of relevant work experience is required to receive the co- op designation on your degree.
- For maximum flexibility, options include:
 - 4-month summer work-terms.
 - 8-month to 16-month continuous a-terms

Career Support & Skill Development

From career support to skill development, ECCS offers a wide range of services available to all students registered in the Faculty of Engineering. We believe in integrating our services and taking an educative approach to ensure our students get the best out of our services:

- **Employment Preparation and Career Readiness**
- Career Educators for each program
- 1:1 appointments and job search support
- Professional & career development workshops
- On-the-job check-ins and work term reflections
- Emphasis on the lifelong process, skill development, and professional growth

99%



Of students felt their company provided them with a diverse, ethical, & equitable work environment

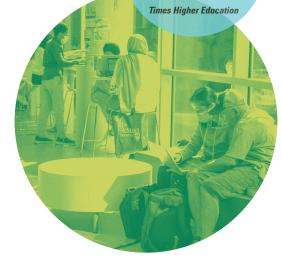


Of students felt their company provided them with a **rewarding work** environment

Ranked among the

universities in the world





Companies

Faculty of Engineering co-op students undertake work terms with leading companies across the globe, including:

Aecon Group Inc. Ontario Power ArcelorMittal Dofasco Ford Canada BlackBerry GE Canada Celestica General Motors Chrysler Generation CIBC John Deere

Rockwell Automation Corporation Stackpole International Corporation Maple Leaf Foods Stem Cell Technologies

Statistics

- McMaster Engineering is the second largest co-op program in Ontario, Canada.
- In 2022/2023, over 2500 undergraduate and graduate students completed over 4000 co-op work terms across the globe.

Need more info? Visit our website! eng.mcmaster.ca/co-op-career/co-op-program

> **ENGINEERING** Co-op and Career Services

