Bachelor of Technology (B.Tech.)
Degree Completion Program

• Enter into Level 3 of the B.Tech. Degree Completion Program
• Part-time and full-time study options
• Evening and weekend courses are ideal for working technologists
• Start in September, January, or May

www.eng.mcmaster.ca/btech-dcp
Many B.Tech. graduates have earned their P.Eng. licence

TOP 10 REASONS

To Choose the B.Tech. Degree Completion Program

1 Receive two years’ worth of credit
   - Block credit automatically granted upon admission
   - Start in Level 3 of your undergraduate studies

2 Flexible schedule allows students to continue working throughout the degree
   - Part-time and full-time study options
   - Classes held exclusively during evenings and weekends

3 Program is structured for year-round studies
   - Three annual start dates: September, January, and May
   - Classes run all year round

4 Online course options available
   - Software Engineering Technology students complete their degree online
   - For all streams, select technical and management courses are periodically available online

5 Achieve a more direct pathway to a Professional Engineer designation
   - Professional Engineers Ontario (PEO) specifies a number of technical examinations for B.Tech. graduates to complete

"The engineering fundamentals I gained throughout the B.Tech. Degree Completion Program have enabled me to build a solid engineering foundation. This program gave me the opportunity to pursue a Master’s degree and challenge myself even further academically. As well, the skills I developed during my B.Tech. degree have made me more marketable to prospective employers."

Tim Pollock
B.Tech. (Manufacturing Engineering Technology)
Hardware Engineer, Apple
"My B.Tech. degree enabled me to upgrade my diploma into a degree and obtain a Master’s in Engineering. The skills I gained also helped me undertake more complex projects in the workplace and achieve my career goals more quickly. The B.Tech. Degree Completion Program is very hands-on, you not only learn the theory and fundamentals, you also get to practice what you learned through projects, labs, and co-op work terms.

Tegiola Xhemalaj
B.Tech. (Civil Engineering Infrastructure Technology)
Project Manager, Nieuport Aviation Infrastructure Partners GP

Courses offered online and in-person!

“ Earn a Business Management Certificate
- Study principles of finance, economics, ethics, and management through our business management curriculum

Opens the door to a wide variety of graduate degrees
- Advanced entry into select master’s degrees at McMaster
- Graduate level study can reduce the number of exams required by Professional Engineers of Ontario

Make industry connections by completing 8 months of paid co-op
- B.Tech. graduates have completed co-op at Bombardier, Hydro One, Imperial Oil, IBM
- Students with work experience in a related field can apply for an exemption**

Benefit from world-class professors and a unique industry-focused curriculum
- Learn from award-winning professors with extensive industry experience
- Program streams designed in consultation with industry professionals to set up graduates for career success

Opportunity for career growth and advancement
- B.Tech. graduates are ideal candidates for engineering, project management, and supervisory roles that require a technical background

Greater opportunity for promotion to management level positions

**Co-op exemption not guaranteed (assessed with program application).
Choose one of four streams:

**Civil Engineering Infrastructure Technology**

Learn about the inspection, repair, and rehabilitation, as well as decision-making and asset management, of various infrastructures from both the technical and managerial points of view.

**ELIGIBLE COLLEGE PROGRAMS**

An Advanced Diploma (or equivalent) in:

- Architectural Technology
- Civil Engineering Technology
- Construction Engineering Technology

**SAMPLE CAREER OPPORTUNITIES**

- Civil Engineer, City of Hamilton
- Project Engineer, IMECO
- Project Supervisor, Hamilton-Wentworth District School Board
- Highway Designer, Stantec
- Project Manager, Region of Waterloo
- Construction Coordinator, Maple Reinders Group

**Manufacturing Engineering Technology**

Learn about manufacturing process planning and improvement, structure design and analysis, and system control from both technical and managerial points of view.

**ELIGIBLE COLLEGE PROGRAMS**

An Advanced Diploma (or equivalent) in:

- Chemical Engineering Technology
- Electro-Mechanical Engineering Technology
- Manufacturing Engineering Technology
- Mechanical Engineering Technology

**SAMPLE CAREER OPPORTUNITIES**

- Mechanical Designer, L-3 Wescam
- Manufacturing Engineer, Hatch Ltd.
- Shift Manager, US Steel Canada
- Systems Engineer, Apple
- Project Engineer, Husky Injection Molding Systems
- Senior Analyst, Hitachi Construction Machinery Co. Ltd.

**Power & Energy Engineering Technology**

Learn about power system planning and operation, protection and control, power quality, and renewable energy technologies such as solar and wind from both technical and managerial points of view.

**ELIGIBLE COLLEGE PROGRAMS**

An Advanced Diploma (or equivalent) in:

- Electrical Engineering Technology
- Electro-Mechanical Engineering Technology
- Electronics Engineering Technology
- Energy Systems Engineering Technology
- Mechanical Engineering Technology

**SAMPLE CAREER OPPORTUNITIES**

- Design Supervisor, Toronto Hydro
- Grid Operations Controller, Hydro One
- Assistant Manager, S&C Electric
- Protection & Control Field Engineer, Hydro One
- Power Systems Coordinator, ArcelorMittal Dofasco
- Nuclear Operator, Bruce Power

**Software Engineering Technology**

Learn about the design, development, and deployment of computing systems, AI, and data science in the areas of software products and computing infrastructure from both technical and managerial points of view.

**ELIGIBLE COLLEGE PROGRAMS**

An Advanced Diploma (or equivalent) in:

- Computer Systems/Engineering Technology
- Computer Programmer/Analyst
- Electrical Engineering Technology
- Electronics Engineering Technology

**SAMPLE CAREER OPPORTUNITIES**

- Software Engineer, SHOES.com
- IT Specialist, TD Canada Trust
- Software Developer, Viziya
- Electrical Infrastructure Designer, IBI Group
- Associate Director, Pivotel Labs Toronto
- Founder & CEO, Radtek Inc.

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*Typically, students must write course examinations in-person at McMaster University. However, some Software Engineering Technology exams may be completed online or in an off-site proctored environment.*
Apply today!

Step 1
Verify your eligibility
Previously completed Advanced (3-year) College Diploma (or equivalent) in a technical field with a minimum GPA of 75% for our Software, Power & Energy, and Manufacturing streams. A minimum GPA of 80% is required for our Civil Engineering Infrastructure Technology stream.

Please see our website for the full list of eligible college programs. If you don’t see your program listed, please contact thinkeng@mcmaster.ca to discuss your eligibility.

*Expected range for minimum average required for consideration. Meeting minimum GPA requirement does not guarantee admission. Minimum required average may vary between BTech Programs.

Step 2
Apply online at www.ouac.on.ca
Program code is MET

Step 3
Submit your documents
If not already completed through your OUAC application, send your official transcripts directly from your issuing institution to McMaster University.

Applicants with international credentials must submit their transcripts for evaluation to www.wes.org/ca

All post-secondary transcripts, regardless of field of study or date of completion, are required. High school transcripts are not required.

Step 4
Monitor your McMaster Applicant portal for updates and additional requirements
Go to: applicants.mcmaster.ca

Step 5
Accept your offer
Welcome to the Bachelor of Technology Degree Completion Program!

Certificate in Technology
If it has been more than 10 years since you completed your qualifying education, or you have a minimum 70%* but do not meet the grade requirements required for admission to the degree program, you may be eligible to apply to the Certificate in Technology program. Upon completion of this program you may be eligible to apply to the B.Tech Degree Completion Program.**

Note that the application for this program is not through the OUAC website.

See here for more information: www.eng.mcmaster.ca/btech-dcp

* Meeting minimum GPA requirement does not guarantee admission. Minimum required average may vary between BTech Programs.

** The Certificate in Technology program can only feed into the Civil Engineering Infrastructure, Manufacturing and Power and Energy streams. Students entering Software are not eligible for this certificate.
Students study 7 management courses in an online or in-person format, including:

- Engineering Economics
- Technology Ethics and Sustainability
- Financial Systems
- Management Principles
- Project Management
- Two electives of your choice

Average lecture size is 30 students.

24 courses are required to complete your B.Tech. degree.

Note: This document reflects published admission requirements as of November 2022. Always check eng.mcmaster.ca/btech-dcp for the most up-to-date requirements and policies.