

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



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

Many
B.Tech. graduates
have earned their
P.Eng. licence

"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

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Earn a Business Management Certificate



- Study principles of finance, economics, ethics, and management through our business management curriculum

**Courses offered
online and
in-person!**

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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

Continue
on to an M.Eng.,
M.A.Sc., M.Sc.,
M.B.A., or Ph.D.

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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**



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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

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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

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

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.

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, Pivotal Labs Toronto
- Founder & CEO, Radtek Inc.



Your Software
Engineering
Technology degree
is now fully online!

** 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 → Step 2 → Step 3 → Step 4 → Step 5

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.*

Apply online at www.ouac.on.ca

Program code is **MET**

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.

Monitor your McMaster Applicant portal for updates and additional requirements

Go to: applicants.mcmaster.ca

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.*

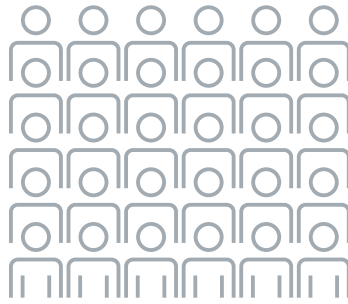


*** The Certificate in Technology program can only feed into the Civil Engineering Infrastructure, Manufacturing and Power and Energy streams. Students entering Software are not eligible for this certificate.*

Average
lecture size is

30

students.



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



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



thinkeng@mcmaster.ca

www.eng.mcmaster.ca/btech-dcp

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.

ENGINEERING

