

Discover Mac Eng Buildings & Open Labs

Fill your fireballs with stamps at each marked area!
Full details on reverse. **Most stations open from 10am-4pm, unless otherwise noted with the descriptions.**

Gerald Hatch Centre (GHC)

Learn about our newest hub in the Faculty of Eng that hosts our Hatch Workshop and Buildspace, the Academic Advising and Co-op Office, and numerous study and lounge spaces.

Workshop & Buildspace - GHC H106

A space for experiential learning through personal projects, Capstones or Mac Eng Society affiliated teams, further developing technical/professional skills.

A.N. Bourns Science Building (ABB)

Learn about what's in ABB including the huge periodic table, a first year chem lab, and the Innovation Tower.

iBioMed Design Studio - ABB C104

Learn about the projects conducted at the Genetic Eng Lab, Design Studio, Medical Imaging & Biomaterials Lab and Medical Instrumentation/ Robotics Lab. **Eng Design Studio is closed today so we recommend Eng 1 interested students to visit this lab due to similarities**

Eng Technology Building (ETB)

Learn about some of the spaces in ETB including BTech labs, the Elliptical lab, and tutorial rooms.

Software Design Lab - ETB 125

Open 11:00-2:00 only

Explore hands-on Model-Driven Development through CS1XD3 projects, engaging with creators employing Design Thinking for user understanding, and connect with Mac Start Coding volunteers teaching coding to children globally with the Algebraic Thinking curriculum.

Biotechnology Lab - ETB 311

Open 11:30-2:00 only

Demos include vaccine production via bioreactor culture, bacterial system in producing therapeutic biopharmaceuticals, biosensor development for disease diagnosis, and more.

Mac Automotive Research Centre

Approx. 1 hour tour leaving campus by bus at 12 and 2. Spaces limited. Pickup outside of GHC garages

Explore the Automotive, Manufacturing, and PACE Computer Labs to see cutting-edge facilities and laboratories in the fields of thermodynamics, 3D printing and more. Additionally, we use specialized industrial-level software and hardware platforms designed for BTech Automotive students.

John Hodgins Eng Building (JHE)

Learn about the JHE building, the meaning behind the Iron Ring and our famous Fireball symbol.

Chem Eng Experiment Lab - JHE A106

Scaled-down versions of numerous industrial engineering processes, such as a climbing film evaporator, distillation column, polymer extruder, fuel cell, bubble column, fluid circuit, and more!

Environmental Systems Lab - JHE 220

Open 10 - 3:30 only

Also known as the water lab, the lab has both bench- and pilot-scale unit processes for water and wastewater treatment and is equipped for a range of wet chemistry analyses.

Information Technology Building (ITB)

Learn about the ITB building and research opportunities.

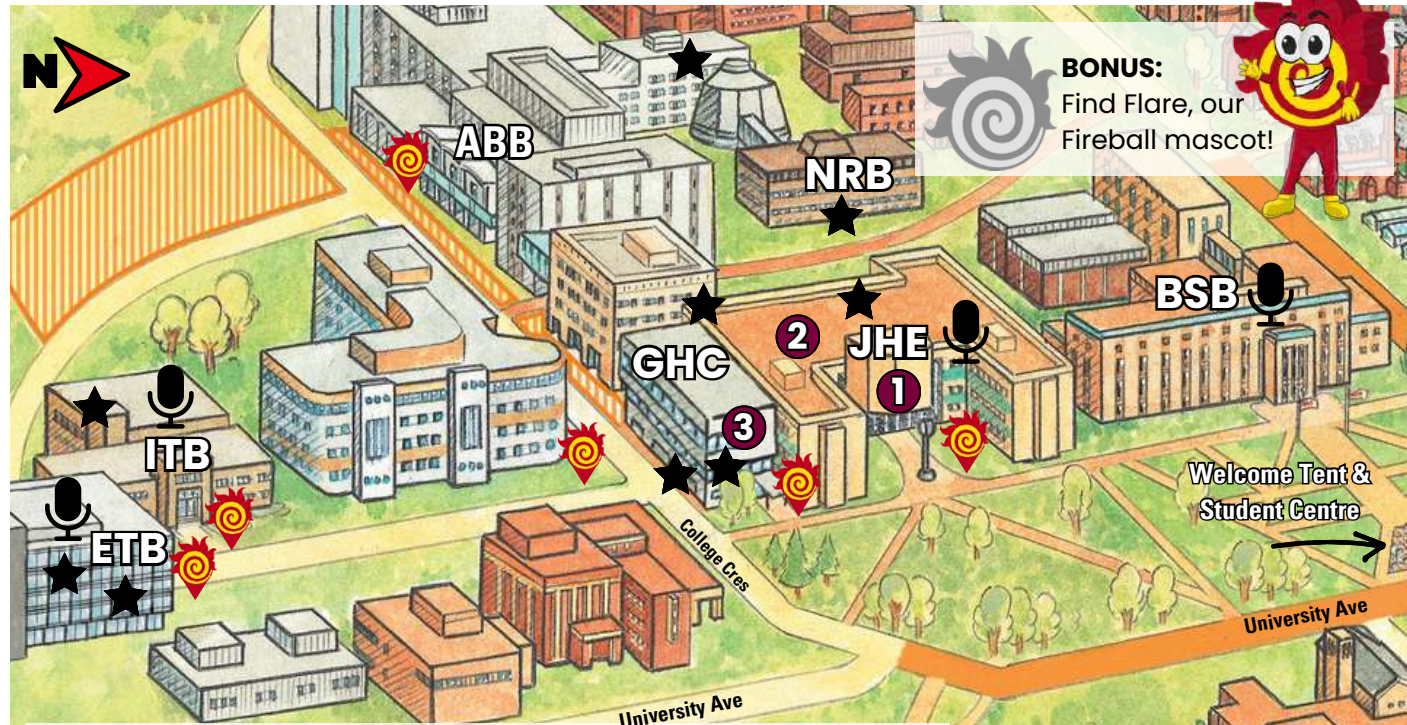
McMaster RC Autonomous Electrified Vehicle - ITB Annex

MacAEV demo showcases self-driving capabilities of a 1/10th scale vehicle developed in the Department of Electrical and Computer Engineering and used for research in autonomous and electrified vehicles, as well as autonomous robotic systems.

Nuclear Science @ NRB (start at JHE)

Open 12:30 - 3:00 only

Explore the Nuclear Reactor and facilities utilizing nuclear energy for clean energy, precision medicine, and materials research, with interactive demonstrations showcasing radiation's scientific and engineering applications and more.



BONUS:

Find Flare, our Fireball mascot!

Legend



Discover Mac Eng station - learn about the space from a volunteer.

Look for large Mac Eng flags!

If the weather is bad, the volunteers may be found at the closest doors to the flag.



Explore an open lab. Start from a nearby Discover Mac Eng station for easiest route!



Info Sessions - see reverse for schedule



Mac Eng Welcome & Info Booths



Department Showcase



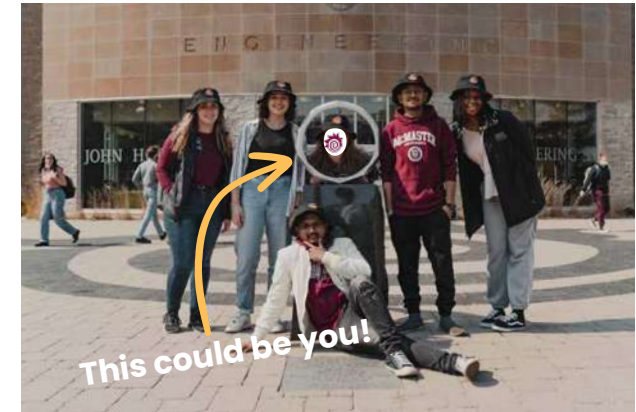
Clubs & Teams Showcase

- in and around GHC
- some located at 1 also

Mac Eng Agenda & Details

May @ Mac

Saturday, May 11 | 10 a.m. - 4 p.m.



INFORMATION SESSIONS

Sessions are approx. 30-40min long

Bachelor of Technology (BTech)

11:00 & 1:00 in ETB 524

Computer Science (CompSci)

12:00 & 2:00 in ITB 137

Engineering 1 (Eng)

11:00 & 1:00 & 2:30 in BSB 147

Integrated Biomedical Engineering and Health Sciences (iBioMed)

10:30 & 1:00 in MDCL 1105

Faculty of Engineering Co-op

12:00 & 2:00 in JHE 376

DEPARTMENT SHOWCASE

JHE 109A (enter from JHE or GHC) 10 AM - 4 PM

Connect with faculty, staff, and current students from the Faculty of Engineering departments to learn more about various specializations, courses, research and more!

- Academic Advising
- BTech - Automotive & Vehicle, Automation Systems & Biotechnology
- Chemical Eng
- Chemical Eng & Bioengineering
- Civil Eng
- Computer Eng
- Computer Science
- Eng Co-op & Career Services
- Electrical Eng
- Eng Physics
- iBioMed
- Materials Science & Eng
- Mechanical Eng
- Software Eng
- Eng & Management
- Eng & Society

DISCOVER MAC ENG

BUILDINGS & OPEN LABS

Various locations 10 AM - 4 PM
(unless otherwise noted on reverse)

Navigate campus at your own pace while exploring the various Faculty of Engineering buildings, open labs, student spaces, and more.

- Utilize the **provided map**, look for signage and flags, and ask for help along the way to get to areas *you* want to visit.
- Connect with **volunteers stationed at marked locations** to explain the space, share their own experiences, and answer your questions about life at Mac Eng.
- **Collect stamps** at marked locations to use towards **fun prizes** for your participation. More stamps = more entries!
- **Return your map** to the Mac Eng Welcome table in JHE lobby or any Discover Mac Eng station to submit your entries. Winners contacted after May@Mac.

MAC ENG WELCOME & INFO BOOTH

JHE Lobby 10 AM - 4 PM

- **Mac Eng Student Recruitment:** admissions, applications, scholarships, and general McMaster questions
- **Discover Mac Eng** Info table
- **EMBER:** Summer programming to prepare students entering into Mac Eng Level 1.
- **Community Outreach:** STEM youth education through afterschool clubs, events, community workshops, summer camps, etc.
- **Spin the wheel** for Mac Eng swag

CLUBS & TEAMS SHOWCASE

In and around GHC & in JHE Lobby
10 AM - 4 PM

Connect with our clubs & teams (technical & non-technical) to learn how you can join in on the fun while complimenting your academics and exploring new passions and projects!



CONNECT with faculty, staff and students across all of our May@Mac activities.



LEARN about all the Mac Eng has to offer by attending information sessions and asking our volunteers questions.



EXPLORE our buildings and open labs using the provided map to meet with volunteers ready to showcase our spaces.

Mac Eng Mobile Map



NEED SOME ASSISTANCE?

- Ask our volunteers for help at any of our activities
- Scan the mobile map or review the map on reverse
- Visit the Mac Eng Welcome & Info Booth (JHE)

Looking for more activities happening across campus?
Check out the May@Mac full schedule here

