



Shape the Future with Mechatronics

Want to create technologies that make everyday life smarter, safer, and more inclusive?

Mechatronics blends **mechanical, electrical, and software engineering** to design tech that works with people. Imagine building:



Medical devices that improve patient care



Renewable energy systems that power sustainable communities



Tools that help people communicate and collaborate



Smart technologies that navigate busy spaces naturally

Ready to Shape the Future?



 **Apply now!**

lassonde.yorku.ca/tron

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Mechatronics Engineering

Design technology that works for people



What Makes Lassonde **Different**

- **Hands-On from Day One** – Build real systems through labs and team projects from first year.
- **Work-Integrated Learning** – Two required work terms + flexible co-op options (4, 8, 12, or 16 months).
- **Leadership & Empathy Built In** – 12 hours/year in clubs, volunteering, sports, or the arts.
- **Connected Community** – Join multi-year project teams with mentoring built in.
- **Prime Location** – In Ontario's tech hub, close to employers in healthcare, clean energy, robotics, and more.

Block Model Option (First Year Only)

A New Way to Learn - Take one course at a time instead of juggling several.

This approach helps you:

- Build a stronger foundation
- Achieve better grades
- Reduce stress and stay focused
- Have more time for projects and campus life

Go **Beyond** the Classroom

At Lassonde, you'll learn more than equations and code—you'll **build confidence, leadership, and lifelong connections.**

- ✔ Join project teams where upper-year students guide you, and later, you'll mentor first-year students.
- ✔ Count your leadership hours through the things you love—clubs, volunteering, music, or sports.
- ✔ Learn from professors shaping the future of AI, automation, and human-centered design.
- ✔ Graduate with the technical expertise *and* collaboration skills that employers value most.



Where This Degree Can **Take** You

With Mechatronics, you can shape careers that blend creativity, technology, and impact:

- * **Sustainable Technology Designer** – advance clean energy and eco-friendly innovation.
- * **Healthcare Technology Engineer** – design medical devices and smart tools for better patient care.
- * **Human-Centered Systems Designer** – create technologies that interact naturally with people in workplaces, schools, and communities.
- * **Interactive Tech Innovator** – bring engineering into AR/VR, gaming, and creative industries.
- * **Robotics & Automation Specialist** – design intelligent systems that make life safer, easier, and more connected.

Industries hiring now:

Healthcare • Renewable Energy •
Consumer Tech • Aerospace •
Robotics • Automotive •
Creative Media

