



Durham Region: Next Generation Mobility

Leading mobility innovation since 1864, Durham Region is a key player in Canada's advanced mobility sector and is positioned to be a leader in developing its next generation. Our robust innovation ecosystem includes energy innovation, automotive technologies, post-secondary institutions, a thriving start-up community, and energy and automotive industry leaders. Here in Durham Region, we're not just innovating; we're innovating to solve big problems.

Durham Region Talent

Ontario Tech University offers world-class research facilities and innovative programs, including:

- Automotive Engineering (Master's)
- Business Analytics and Artificial Intelligence (Master's)
- Electrical and Computer Engineering (Master's, PhD)
- Comprehensive Engineering
- Energy Engineering
- Engineering Management (Master's)
- Manufacturing Engineering
- Mechanical Engineering (Master's, PhD)
- Mechatronics Engineering
- Nuclear Engineering (Master's, PhD)
- Software Engineering (Master's)

Durham College offers market-driven programs led by industry experts, including:

- Automotive Technician – Service and Management (Motive Power Technician)
- Civil Engineering Technician
- Civil Engineering Technology
- Computer Programming and Analysis
- Electrical Engineering Technician
- Electromechanical Engineering Technology
- Electronics Engineering Technician
- Electronics Engineering Technician
- Mechanical Engineering Technology
- Power Engineering Techniques – Fourth Class
- Science and Engineering Fundamentals



Ontario Tech University is home to the only accredited Automotive Engineering Program of its kind in Canada.



Technologies

Ontario Tech University is home to **ACE Climatic Aerodynamic Wind Tunnel (ACE)**, a world-class research and development facility offering a full range of product testing chambers. As the first of its kind in Canada, ACE can re-create any weather conditions a test object will experience anywhere in the world and is available to rent to manufacturers and researchers around the globe.

The Durham Regional Technology Development Site (DRTDS) is one of six regional technology development sites that are part of the Ontario Vehicle Innovation Network. The Durham RTDS provides an opportunity for small- and medium-sized enterprises to develop and test new connected and autonomous vehicles (C/AVs), emerging electric and low-carbon vehicle technologies, and prototypes for Canadian and global markets.

The Durham College Vanhaverbeke Family Electric Vehicle (EV) Training Centre makes it one of only a few Ontario colleges with a dedicated EV learning space. Through collaboration with companies to solve real-world problems, the centre equips students with the specialized skills required in the evolving automotive industry.

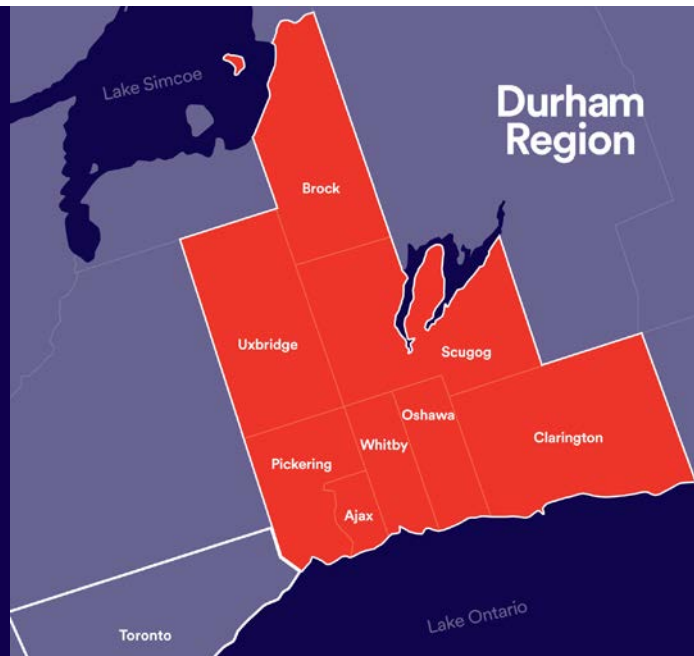
Project Arrow is Canada's first all-Canadian zero-emission concept vehicle. Due to its global reputation for excellence in energy, automotive, smart mobility, and engineering research expertise, the vehicle was built on-site at Ontario Tech University.



About Durham Region

Durham Region is the eastern anchor of the Greater Toronto Area's (GTA) tech ecosystem. With a rich business history leading industry transformation and energy innovation, investors can tap into a diverse business ecosystem and a talent pipeline with the agility to meet today's business demands.

Durham Region's post-secondary institutions mean Durham is home to a highly-educated workforce who have gained specialized technical knowledge, and who are well-prepared to contribute to automotive innovation.



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