

Exploring Mechatronics Micro-Credential: for High School students



MICRO-CREDENTIAL

STEAM | MECHATRONIC | AUTOMATION | TECHNOLOGY

High School Students interested in technology or robotics can earn a **Humber College Micro-Credential Developed** in partnership with leading automation company **FESTO** in just hours during school breaks.

Why:

- Learn in a hands-on environment.
- Explore your interest in technology, robotics, and automation.
- Earn credit for your experience, that you can build on later.

Learn:

- How to build models and create simulations.
- Industrial automation technical terms.
- How to program basic simulated circuits using Fluid SIM.
- About pneumatics, sensors, and basic control technology.

Develop:

- Critical thinking.
- Problem solving skills.
- Teamwork.



Register: humber.ca/barrettcti/training

Year	Program	Time Frame	Session Dates
Year 2023	Exploring Mechatronics Micro-Credential	14 hours	Nov 3 and 4 Nov 3 and Dec 8 Dec 8 to Dec 9
Year 2024	Exploring Mechatronics Micro-Credential	14 hours	Jan 3 to Jan 5 March 11 and 12 March 11 and 12 April 22 and 26 April 19 and May 17 June 27 and 28

For more information contact: askbarrettcti@humber.ca