![University of Ontario Institute of Technology logo]

SOFTWARE AND INFORMATICS RESEARCH CENTRE

The Software and Informatics Research Centre (SIRC) will be a 7,600-square-metre building designed to accommodate the university's need for new spaces for research, study and future active learning.

FACILITIES AND FEATURES

- Four floors of flexible innovative learning spaces, featuring multiple seating configurations, room divisibility and the newest audio-visual technology.
- Approximately 280 square metres of new student study space.
- Three Faculty of Engineering and Applied Science laboratories where equipment will be interchangeable:
  - electronics
  - design/makerspace lab featuring 3D printers, and soldering and electronics stations
  - mechatronics/robotics
- Centralize the university's Office of the Registrar into a single location (using 22 per cent less space). This frees up student space in existing campus buildings.

ARCHITECTURAL CONSIDERATIONS

The SIRC will feature four storeys. The first two floors will open in Fall 2017.

Levels 3 and 4 will be 'shelled space'. The university will expand additional teaching, research and innovation spaces into the upper floors as new funding or research opportunities become available, without the need to build another structure.

The building's design will deliver superior building performance through energy and sustainability features that include:

- bioretention features – stormwater management
- heating system efficiency
- efficient ventilation air delivery
- lighting efficiency – LED lighting
- low window-to-wall ratio – under 40 per cent
- ambitious energy reduction target of 25 per cent savings over the industry standard. Achieving this target will exceed Ontario Building Code standards for building-associated carbon dioxide emissions.
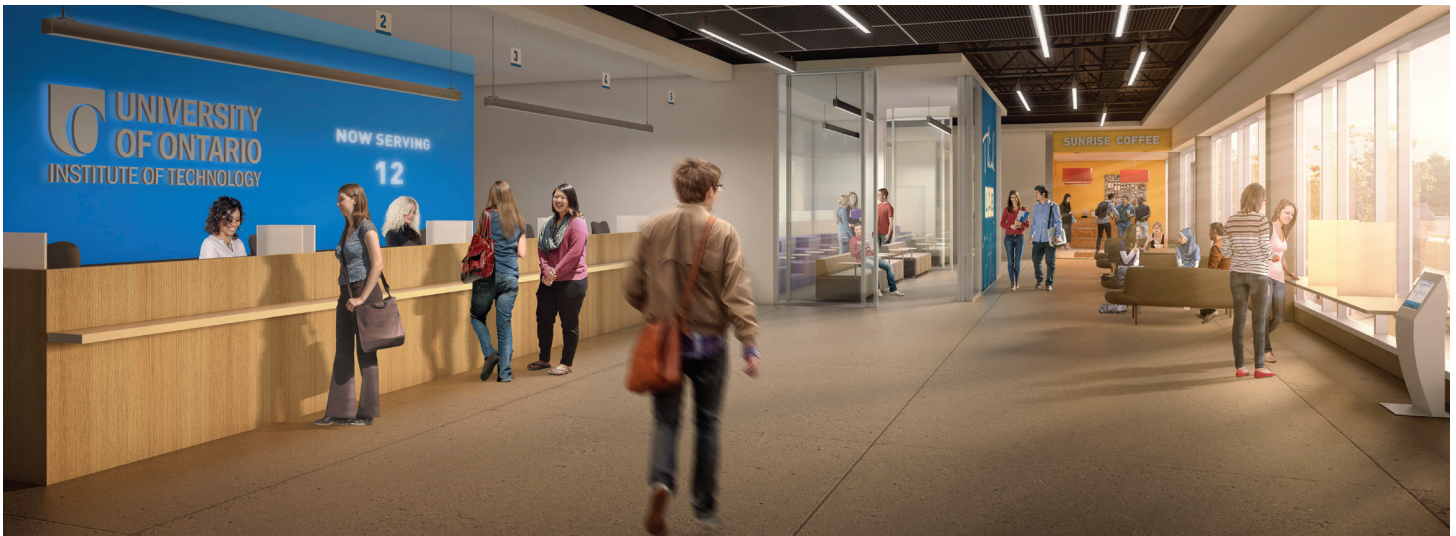
CONSTRUCTION

EllisDon is the general contractor for the project. EllisDon constructed the university's first three buildings at the north Oshawa location: the Science Building, the Business and Information Technology Building, and the Campus Library.

SUPPORTING SIRC

There are many ways for individuals, companies and foundations to support the work of our students and researchers in this new facility. For more information visit **uoit.ca/giving** or email **advancement@uoit.ca**.

WEBSITE – uoit.ca/sirc

QUESTIONS? – sirc@uoit.ca

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