

SOFTWARE AND INFORMATICS RESEARCH CENTRE

The Software and Informatics Research Centre (SIRC) is 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.
- Deepens the university's capacity in information and communications technology through new labs in:
 - business analytics
 - distributed and mobile computing
 - gaming and immersive technology
 - health informatics
 - network security and software engineering
- Faculty of Engineering and Applied Science laboratories with interchangeable equipment:
 - Canada Research Chair Internet of Things
 - design/makerspace lab featuring 3D printers, and soldering and electronics stations
 - electronics
 - mechatronics/robotics
 - software systems
- Provides space for the Faculty of Business and Information Technology Incubator, where students can interact with community and industry partners to develop new businesses and products.
- Centralizes 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 four-storey building opened in Fall 2017.

SIRC's design delivers 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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