

# Computer Science



UNIVERSITY OF  
**TORONTO**

**Design & Engineering**  
University Planning, Design & Construction



Entrance



Staff Corridor



Meeting Room



Robotics Laboratory

# Computer Science

**PROGRAMS**  
Offices, meeting rooms, corridors  
laboratory, kitchenette

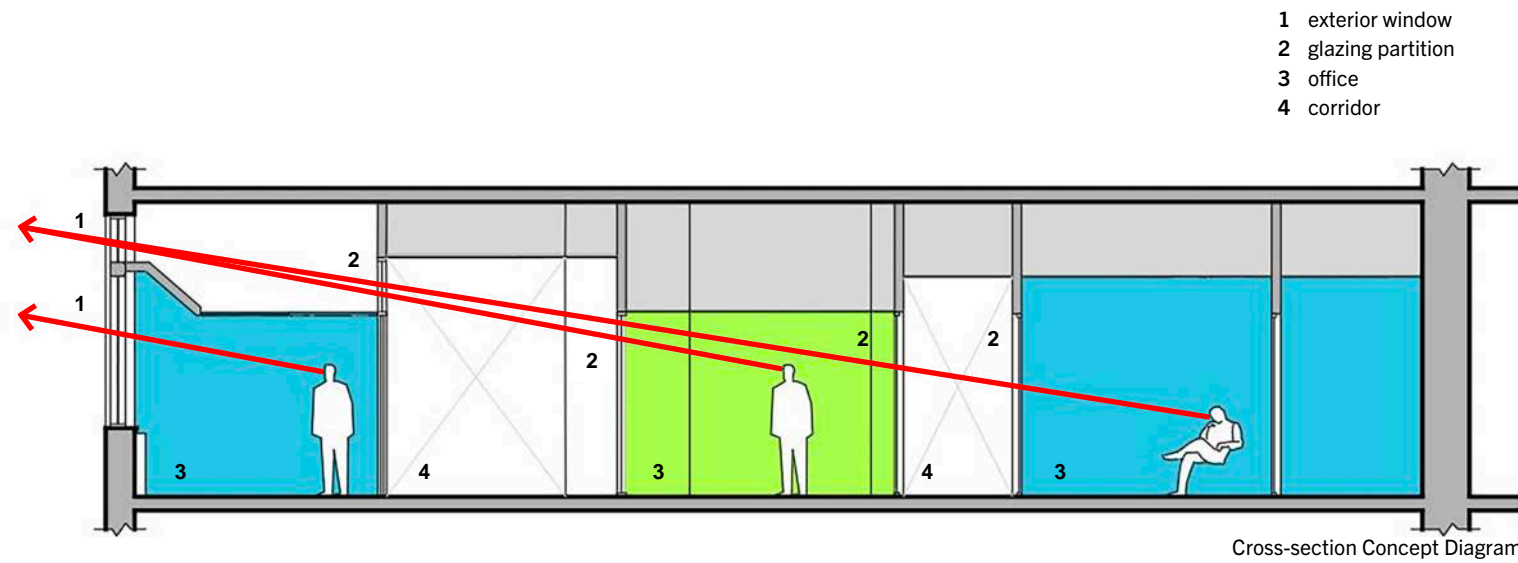
**SIZE**  
950sm

**D&E CONSULTING TEAMS**  
Architectural

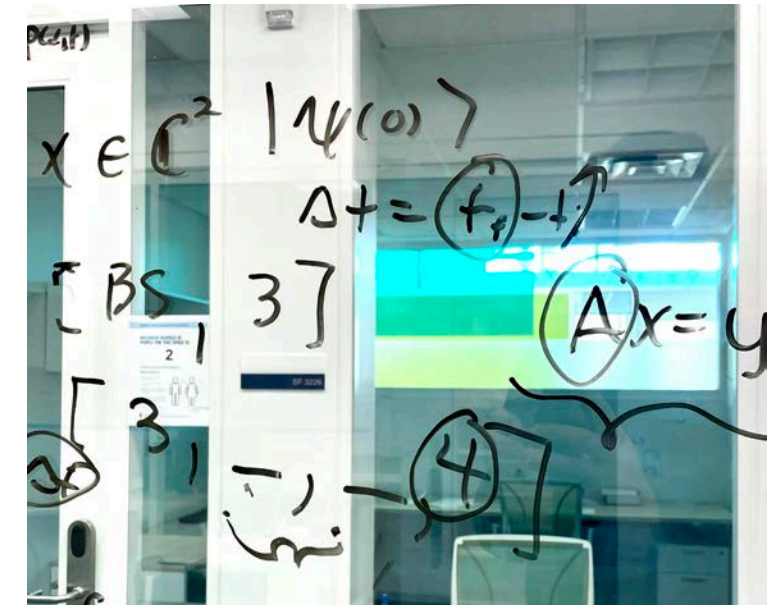
The Department of Computer Science project uses light, transparency, colour, and reflection to animate the research spaces in the Sandford Fleming Building. Prior to the renovation, only the perimeter offices enjoyed the bright, high exterior windows, while researchers in the interior offices had no access to natural light. This project strategically arranges a sequence of glazed partitions and varying ceiling heights to bring natural light deep into the floorplate, while offering views back to the exterior from nearly every space.

Coloured film was applied to the glazing throughout the project, from the exterior windows to the interior partitions, creating bursts of colour that shift as the sun moves throughout the day. As people move through the spaces, the coloured layers become dynamic, changing hue as they overlap (for example, yellow and blue films blend to create green). Mirrors were applied to existing structural columns to reduce their visual mass, creating unexpected vistas and enhancing the experience of the space.





Breatout Space



Glass Partition

## KEY DESIGN FEATURES

- Brightness** maximizes natural light deep into the floorplate by choreographing ceiling heights and glass partitions

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- Colours** creates dynamic and engaging spaces by providing lively colours throughout, playing off the bright white walls and cabinetry

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- Route** improves program layout by creating two parallel corridors, one for the public and one for the researchers, optimizing both privacy and connections

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- Academia** encourages spontaneous interactions and brainstorming sessions by providing breakout rooms and writable surfaces like the glass partitions and chalkboards throughout

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- Transparency** reinforces visual connections and privacy between rooms and corridors with dynamic and static window films



Corridor Window to Robotics Laboratory