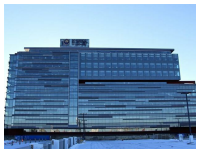
University of Alberta
Donadeo Innovation Centre for Engineering (ICE)

Address (Map): 9211 116 Street, Edmonton, Alberta T6G1H9 Canada
Sector: Educational
MCW Office: Edmonton
Awards: Donadeo Innovation Centre for Engineering (ICE), Edmonton AB
Delivery Type: Design-Bid-Build
Status: Complete
Sub Categories: College & University



Mechanical:
MCW Hemsiphere Ltd.

Electrical:
MCW Hemsiphere Ltd.

Architect:
Dialog

Structural:
Dialog

Contractor:
EllisDon Construction

Final Project Cost:
$110 Million

Project Description

The Donadeo Innovation Centre for Engineering or ICE, as it is commonly referred to, was recently opened and is the newest facility for the Faculty of Engineering. It contains 14 levels dedicated to both faculty and grad students representing all disciplines in the School of Engineering. The building will be home to 1,700 individuals and is designed to accommodate both office and work stations for a wide range of applications. The space planning also allows for an increase of up to 50% accommodation for all groups (faculty, graduate students, and undergraduate students) based on the flexible workstation design and use of expandable communication infrastructure. In addition, the 9th floor houses the offices of the Dean of Engineering and is reflective of this prestigious position. The 8th floor consists of a conference space, two large meeting rooms, servery and gathering space.
Mechanical highlights include the use of chilled beam systems as part of the mechanical ventilation system, fan array technology, complete integration with building management systems controlling normal and off hour heating/cooling requirements, VFD's for all motor operated equipment, and water conserving plumbing fixtures. Electrical includes use of LED fixtures throughout the building, day light harvesting strategies on all floors, occupancy sensors in offices and boardrooms, and wireless connectivity throughout the work.

LEED:

LEED® Gold Cerified

Awards:

Consulting Engineers of Alberta, Showcase Award for Excellence in Building Engineering, 2016