

# UTM CAPITAL PROJECTS: Status Report - Level 1

UTM Campus Council  
May 24, 2022

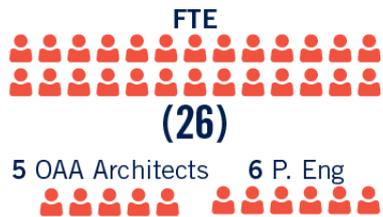


# Level 1 Projects

## Level 1 Projects <\$10M

- Renovation
- Infrastructure

CONSTRUCTION & PMO, PLANNING & DESIGN, PROJECT ADMINISTRATION & TECHNICAL SERVICES



121  
ACTIVE PROJECTS

1,000+  
Archived project  
drawing and  
documentation sets



\$415M  
WORTH OF  
ACTIVE PROJECTS



UNIVERSITY OF  
**TORONTO**  
MISSISSAUGA

Facilities Management & Planning

# Space Planning & Management Committee

Renovation Approval Process:

- SPMC Committee approves all Level 1 renovation projects
- SPMC process will be updated and rebranded MCaPS

# Renovation Projects

| <i>Location</i>                    | <i>Department</i>      | <i>Project Number</i> | <i>Projects</i>   |
|------------------------------------|------------------------|-----------------------|---|
| Davis Building                     | OFD                    | P300-20-138           | 3rd Floor Corridor Seating  |
| Kaneff                             | MGGT                   | P300-19-097           | Office Suite Renovation for Mgmt Undergrad staff                              |
| Davis Building                     | Department of Biology  | P300-20-145           | Renovation of lab DV4090C-E   |
| Davis Building                     | BIO/Academic           | P300-20-146           | BIO student study in DV2020 & DV4023  |
| HMALC                              | Library                | P300-20-006           | One-Button Studio Renovation HM388, 390 & 390V                                |
| Various                            | Administrative/Police  | P300-20-156           | Perimeter Door Security   |
| Davis Building                     | BIO                    | P300-20-157           | Renovation of lab DV4033  |
| RAWC                               | Athletics              | P300-20-066           | Renovation of Athletics Front Desk  |
| Health Sciences Complex            | ANT                    | P300-20-126           | HSC425 ANT Sleep Lab Renovation (CFI)   |
| Davis Building                     | PSY                    | P300-19-219           | Davis PSY Electrophysiology DV1029  |
| Culture Communication & Technology | ICCI                   | P300-21-047           | ICCI Computer Lab Reno CC4012&20; CC4075; CC3110 & CC3085                     |
| Davis Building                     | CPS                    | P300-21-057           | DV5012 CPS Lab Renovation   |
| Davis Building                     | CPS                    | P300-21-056           | CPS student study area in DV5023A   |
| MN, IB                             | Administrative         | P300-21-066           | (SSEUF) Wellness Hubs   |
| Davis Building                     | HRS                    | P300-20-141           | HRS Mail Room Reno/ additional reduction of bookstore                         |
| Davis Building                     | CPS                    | P300-21-081           | Minor Reno for DV4019   |
| Maanjiwe nendamowinan              | MCS/R                  | P300-21-080           | MN3110 Temporary Teaching space   |
| Maanjiwe nendamowinan              | VPP                    | P300-21-079           | Indigenous Centre minor renovation in MN6102, MN6104, MN6106, MN6108 & MN6110 |
| Davis Building                     | OVPR                   | P300-21-082           | ABE move to DV3092H   |
| Davis Building                     | BIO                    | P300-21-083           | Minor Renovation for Lab DV2028/2028A   |
| Maanjiwe nendamowinan              | VPP                    | P300-20-005           | MCFN Office, 2nd Floor MN   |
| Davis Building                     | BIO                    | P300-20-196           | Renovation of Lab DV1083  |
| Davis Building                     | OVPR                   | P300-21-096           | Vivarium Upgrades DV1032 1035 and 1061 to CL2                                 |
|                                    |                        |                       |   |
| Culture Communication & Technology | PSY                    | P300-21-099           | CC4146 suite and CC4161 Reno  |
| Davis Building                     | CPS                    | P300-21-132           | Design Services for Renovation of DV5016-5017                                 |
| Davis Building                     | BIO                    | P300-21-083           | TPC increase for DV2028/2028A   |
| Student Residence                  | SHRL/Student Affairs   | P300-21-139           | McLuhan Court Design Services   |
| Maanjiwe nendamowinan              | LS                     | P300-21-141           | Department of Language Studies Workstation Reno (MN4156)                      |
| Exterior                           | HRS                    | P300-21-148           | Temporary installation of Container Farm in Lot P9                            |
| Exterior                           | ED                     | P300-21-156           | Lighting Upgrade for MiST/Erindale Theatre                                    |
| Davis Building                     | CAO & VPP Suite        | P300-20-008           | TPC increase for furnishings in DV3214/3216                                   |
| Maanjiwe nendamowinan              | MCS/R                  | P300-21-176           | MN3130 MCS Lab for Robotics   |
| Davis Building                     | BIO                    | P300-21-177           | DV 4028 Lab Reno  |
| Student Residence                  | SHRL/Student Affairs   | P300-21-139           | TPC increase for McLuhan Court  |
| Culture Communication & Technology | VPP/Equity & Diversity | P300-21-183           | Brothers and Sisters Ablution Stations in CCT                                 |
| Maanjiwe nendamowinan              | VPP                    | P300-21-079           | Indigenous Centre minor renovation  |
| Davis Building                     | BIO                    | P300-20-196           | Renovation of Lab DV1083  |
| Davis Building                     | CPS                    | P300-21-081           | Minor Reno for DV4019   |
| Culture Communication & Technology | DVS                    | Pending               | CC 3000 Maker Space   |

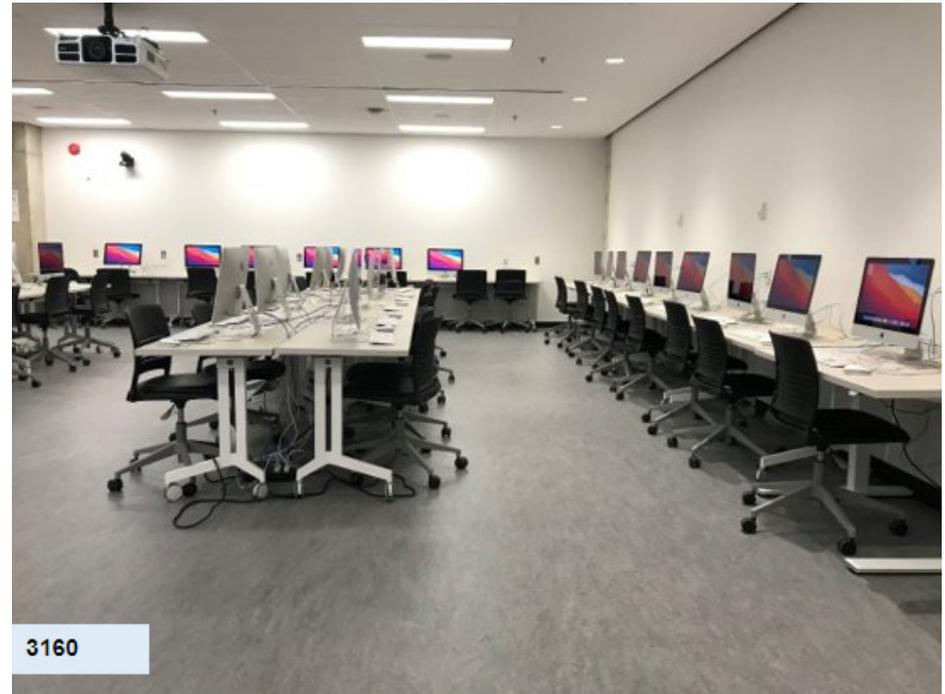
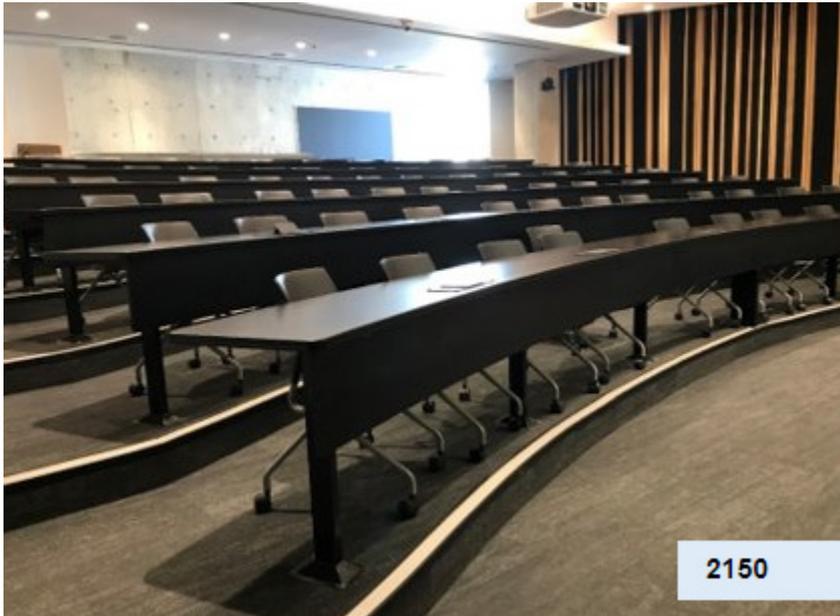
## Geography/Earth Sciences Lab renovation

- Teaching lab and program space created in Davis Level 1
- Significant delays and water infiltration



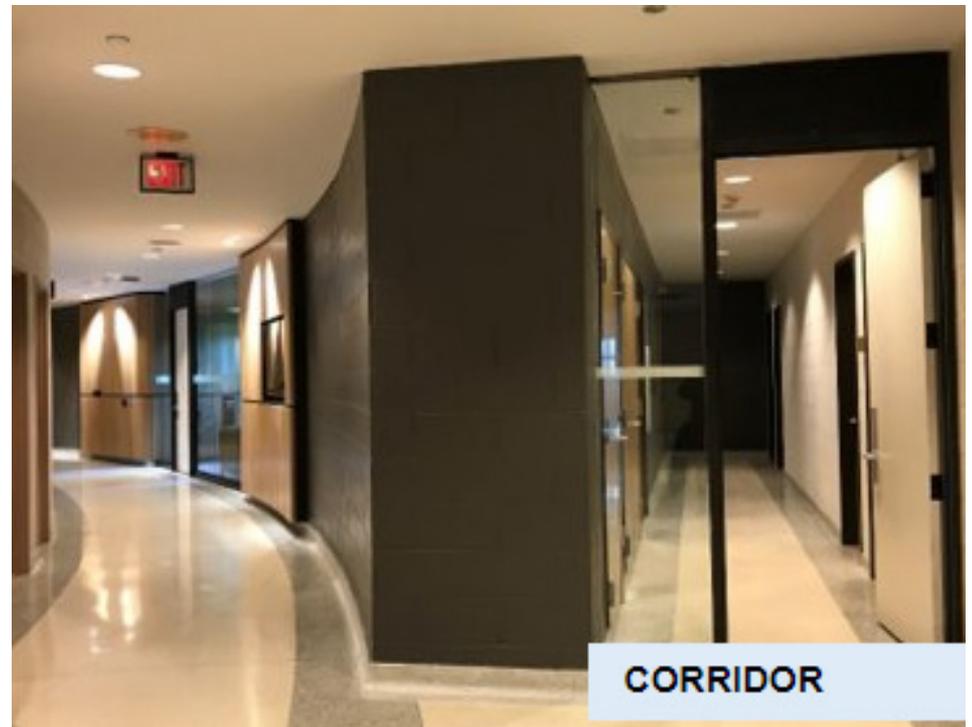
## CCT Classroom Updates – CCT 2140, 2150, 2160, 3160

- Refreshed computer labs and lecture theatres
- New flooring, AV/tech, tables and seating



## Kaneff Centre Management/IT Upgrades

- Bright open office space created w/kitchenette on level 2
- Densified to create space for more staff/programs
- Corridor revamp, IT Room upgrade



# Infrastructure Projects

| <i>Location</i>                          | <i>Project Number</i> | <i>Projects</i>                                      |
|--|-----------------------|--|
| Alumni House                             | P300-20-155           | Alumni House Fire Alarm Renewal                      |
| Culture Communication & Technology       | P300-20-135           | CCT Humidifier Lifecycle Replacement                 |
| Culture Communication & Technology       | P300-20-175           | CCT Sump & Sewage Pump Replacement P4/5 Drain Repair |
| Central Utilities Plant                  | P300-20-177           | CUP Softener and De-Alkalizer Replacement            |
| Central Utilities Plant                  | P300-20-121           | CUP Tunnel Shoring and Rehabilitation                |
| Central Utilities Plant                  | n/a                   | CUP MV Switchgear Upgrade                            |
| Davis Building                           | n/a                   | Davis Building Fire Exit Sign Upgrade                |
| Davis Building                           | n/a                   | Davis D-block mechanical floor upgrade               |
| Davis Building                           | P300-20-184           | DV Condensate Tank & Pump Replacement                |
| Davis Building                           | P300-20-197           | DV Elevators Modernization Cabs 1, 2 & 4             |
| Davis Building                           | P300-20-176           | DV Laser Labs DX Split AC Replacement                |
| Davis Building                           | n/a                   | DV4033 HVAC & Lighting Upgrade                       |
| Davis Building                           | n/a                   | DV J Storm Drain                                     |
| Davis Building                           | P300-20-122           | DV Main BFP installation                             |
| McLuhan Court Residence                  | n/a                   | McLuhan Court Transformer Upgrade                    |
| Hazel McCallion Academic Learning Centre | P300-20-136           | HMALC Humidifier Lifecycle Replacement               |
| McGrath Valley Residence                 | n/a                   | McGrath Valley Feeder Tie                            |
| RAWC                                     | n/a                   | RAWC Gym C Flooring                                  |
| RAWC                                     | P300-20-085           | RAWC Roof Replacement/Restoration                    |

## Elevator Modernization

- Cabs 1, 2 & 4 in the Davis Wing
- Original to the Davis Building circa 1970
- Better control systems
- More efficient call times, shorter wait time



## CUP Tunnel Repair

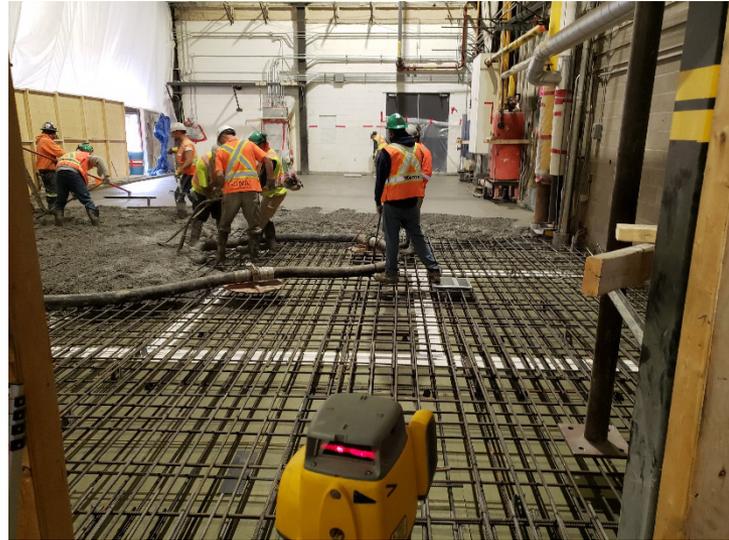
- Decades of salt and water runoff from Outer Circle Road had damaged the Utility Tunnel beneath
- Excavated road, chipped and re-poured tunnel structure
- Significant traffic interruption, completed before return to campus



# CUP Slab Rehabilitation Project

Project Status : Construction May 2021

- CUP was built in 1960's
- Slab is cracking in multiple areas and water penetration has exposed rebar.
- Structural assessment has Indicated widespread corrosion related to deterioration
- Testing has revealed that a full slab and structural beam replacement is necessary to prevent structural failure.



## Davis CABB Air Compressor Replacement

- The Davis CABB Air compressor systems serves CABB building and several areas in D Block. It had reached end of life,
- New system supports increased capacity, redundant compressors (more reliable) and air quality.



## Davis D Block Mechanical Slab Remediation

- Slab remediated to mitigate water/glycol leaks seeping from penthouse mechanical room
- Remediated 9000sq ft of flooring, installing waterproofing





# **UTM MAJOR CAPITAL PROJECTS:** Status Report - Level 1

**QUESTIONS**

# UTM MAJOR CAPITAL PROJECTS: Level 2 & 3 Status Report

UTM Campus Affairs Committee

May 12, 2022

# UTM CAMPUS MASTER PLAN

*Approved February 15, 2022 - UofT Governing Council*



**Campus Master Plan**

University of Toronto Mississauga

# MAJOR CAPITAL PROJECTS

## *Level 2 (\$10 - \$50 Million)*

- Student Services Hub (SSH)





# UTM Student Services Hub

- Renovated space in Davis that brings together several student affairs teams that had been dispersed across campus
- A better setting for collaboration & the promotion of engagement opportunities
- A comfortable space for students to explore self-help resources, engage peer support & seek professional expertise
- **A new service to help UTM students untangle complex issues & connect with experts in the Hub & across campus**



# Untangling complex issues

At and around the Hub 'hello desk', well-trained *deep generalists* will connect students with cross-campus experts, linking and scaffolding when multiple consultations are required.

*Imagine an international student facing family pressure to pursue a profession that she isn't really into, who can learn about and arrange career exploration, program and course selection support, study permit renewal advising, personal counselling on coping with demanding parents...*



## Bringing teams together

- As UTM's student population has grown, many student services have been confined to their original spaces with off-shoots tucked elsewhere, dividing teams
- The Hub re-gathers the International Education Centre, Career Centre, Accessibility Services, Centre for Student Engagement, & Health Promotion teams, positioning them for greater collaboration and impact



# Providing space for innovation & programming

The Hub offers

- 100 workspaces for staff and student-employees
- spaces for meetings, collaborations and programs
- areas for students to explore paper, electronic and people resources



# Offering choices that encourage engagement

The Hub's people, services & space will

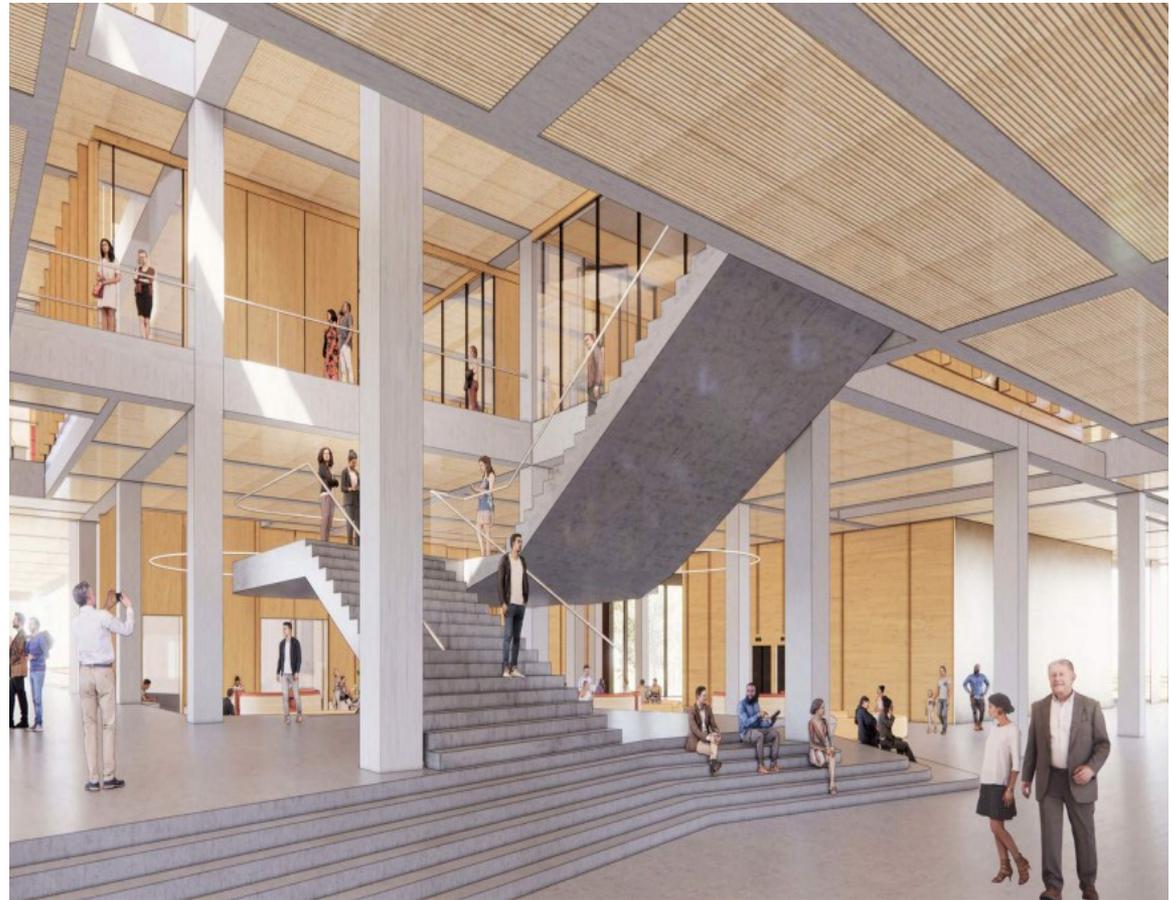
- Provide support that's both high-tech & high-touch
- Offer various levels of support so that students can easily engage on their interests when their curiosity is high, then explore more in-depth as their knowledge and comfort grows
- Encourage *help-seeking behaviour* and minimize *options paralysis*
- Be a destination for referrals by faculty, staff and even students' families



# MAJOR CAPITAL PROJECTS

***Level 3  
(\$50+ Million)***

**New Science  
Building (NSB)  
F2 Site Build  
(formerly ACT)  
New Residence**



# NEW SCIENCE BUILDING (NSB)

## Project status

- Governance approval: Dec. 14, 2017
- Architect award: March 2018
- Design & Tender: ended Nov. 2019
- Construction Contract Award: March 2020
- **Occupancy Target: Q2 2023**



# F2 (UTM Forest Site 2)



## Project timeline

- ACT Building Rescope: Q3-Q4 2021
  - 21.3% nasm reduction
  - Robotics
  - Computer Science
  - CCIT
- New Costing: Q4 2021
- Redesign: Q1-Q2 2022
- Geothermal: Q4 2022
- Tender and Award: March 2023
- **Occupancy: Spring 2026**

# NEW RESIDENCE

## Project Timeline

Design and  
Costing: Nov. 2020  
- March 2022

Tender and  
Award: TBD

F2-CUP2

Dependency

**Occupancy: June  
2026**

