

Remote access to lab computers

You can remotely access several ECE undergrad lab computers after classes finish for the day. You do so by using your ECF (Engineering Computing Facility) Windows computer account. Generally, remote access is restricted to students who are in the department. For example, a civil and mineral engineering student would not be able to access a ECE lab computer.

Follow these steps to access the lab computers remotely:

1. If you haven't already, download and activate your U of T VPN software:
<https://isea.utoronto.ca/services/vpn/utorovpn/>
2. Log in to the ECF Remote Portal: <https://ssl.ecf.utoronto.ca/ecf/services/rd>
3. Once you are logged in, select the Windows Remote Desktop tab.
4. It will download a Windows Remote Desktop file for that lab area, with your information.
5. Launch the Windows Remote Desktop File for that lab area.
6. It will log into a workstation from the pool of available lab computers.

Account Status | Printing History | Staples Printing | Lab Status | Lab Schedules | Change Password | **Windows Remote Desktop** | Remote Linux | Log Out Logged in as: eceucomm

Windows Remote Desktop

If you have difficulty connecting, or are experiencing performance issues while connected, please try using **UTORvpn** to establish a connection to the campus network before connecting to your ECF Windows Remote Desktop.

If you use Bitdefender AntiVirus and are unable to connect, you may need to add an exclusion to your Bitdefender configuration for your Remote Desktop client (C:\windows\system32\mstsc.exe and/or C:\windows\syswow64\mstsc.exe). See [this article](#) in the Bitdefender Support Center for more information.

You no longer need to visit this site every time you want to connect to an ECF Windows Remote Workstation.

The hostname **Your-ECF-Username.rd.ecf.utoronto.ca** (where **Your-ECF-Username** is your ECF username) will always connect you to an available host, provided there is one.

To download a customized RDP file that will always connect you to an available workstation, configure the Resolution and Colours options at the top of the page according to your preferences; then click on one of the icons below (e.g., "Any ECF Lab") and save the resulting RDP file. See our [help page](#) for more information.

Please feel free to contact us at ecfhelp@ecf.utoronto.ca if you have any questions or problems with this service.

Resolution: [Widescreen: 720p (1280x720)] [1280x800] [1440x900] [1680x1050] [1080p (1920x1080)] [1920x1200] [2560x1600] [4K UHD-1 (3840x2160)]
Standard: [640x480] [800x600] [1024x768] [1280x960] [1680x1200] [2048x1536]
Other: [Default] [Full Screen]

Colours: [Default] [256 Colours] [16-bit] [16-bit] [True Color (32-bit)]

[Help \(opens in new window\)](#)
Page loaded: Thu Jan 13 13:25:29 2022

Workstations:

To connect to an available ECF Windows Lab workstation, connect your Remote Desktop client to the hostname **eceucomm.rd.ecf.utoronto.ca**.

Any Available Workstation (231 of 256 available)	PROF/Instructor (4 of 4 available)	Systems Control (ECE, BA3114) (26 of 30 available)	BA3128 (ECE) (33 of 34 available)	DESL (ECE, BA3135, BA3145, BA3155, BA3165) (126 of 130 available)	DESL A (ECE, BA3145) (9 of 12 available)	DESL B (ECE, BA3145) (12 of 12 available)	Communications (ECE, SF2201) (45 of 45 available)	WB216 (CHE) (12 of 12 available)	MB400 (CIV/MIN) (83 of 83 available)	BA2128 (Eng Ss) (0 of 0 available)	MB123 (MIE) (58 of 63 available)	MB67 (MIE) (20 of 22 available)	RS303 (MIE) (50 of 50 available)	MC402 (MIE) (23 of 25 available)	WB158 (MSE) (14 of 14 available)
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Engineering Computing Facility
Please send comments or inquiries to: ecfhelp@ecf.utoronto.ca

Helpful points:

- For instructions on how to access these systems from your Windows, MacOS or Linux PC, click "Help (opens in new window)" on the right side of the screenshot page above.
- If a lab is greyed out, it is not available for remote access. This may change depending on the time you log in.
- Each lab has different software installed on its computers to meet that lab's purpose.
- Note that you can choose the screen resolution for your remote session on the screenshot page above. Or right-click and choose "Edit" on the downloaded Windows Remote-Desktop-File. (Select the "Display Tab" and adjust the slider under "Display Configuration" to set your desired screen resolution.)
- **Save your work frequently during remote access.** If your network link to the workstation is disconnected, your session will be automatically logged off.

Remote access availability times for each lab

Lab computers are only available for remote access after-hours and on weekends. The lab computers are reserved for in-class courses during the day. Additional downtime for computer maintenance will be posted.

Building/Lab	Unavailable for remote access	Available for remote access
BAHEN		
BA3114 Systems Control	Monday to Friday, 7 a.m.–7 p.m.	Monday to Friday, 7 p.m.–7 a.m. Saturday/Sunday, All hours
BA3128 Computer Lab	Monday to Friday, 7 a.m.–7 p.m.	Monday to Friday, 7 p.m.–7 a.m. Saturday/Sunday, All hours
BA3145/55/65 DESL Labs	Monday to Friday, 7 a.m.–9 p.m.*	Monday to Friday, 9 p.m.*–7 a.m. Saturday/Sunday, All hours
SANDFORD FLEMING		
SF2201 CAAD Lab	Monday to Friday, 7 a.m.–7 p.m.	Monday to Friday, 7 p.m.–7 a.m. Saturday/Sunday, All hours

QUESTIONS?

For assistance, send an e-mail to tlabs.it@ece.utoronto.ca