Remote Access to ECI Computing Labs

**SSH Connections**

**For All SSH Classroom and Lab Needs**

SSH connections to linux lab systems should now be made through our centralized, load-balanced gateway address: linux.engr.ucsb.edu

From the linux shell/command line:

```bash
ssh username@linux.engr.ucsb.edu
```

Important: Please use your College of Engineering credentials (not your UCSBNetID username and password).

Please note: If you have made connections to this address in the past (prior to recent upgrades to our linux systems), you may receive a warning similar to the following:

```
The ECDSA host key for linux.engr.ucsb.edu has changed.
Offending ECDSA key in /Users/username/.ssh/known_hosts
```

If this error is received, you will need to remove any existing entry for "linux.engr.ucsb.edu" in the specified file on your local system before attempting to connect again.

**Remote Desktop Connections**

**For All Graphical Desktop Classroom and Lab Needs**

Full graphical desktop access to the ECI Windows and Linux computing labs is available remotely via Remote Desktop Protocol (RDP).

A connection to the Campus "Pulse Secure" VPN Service is required to make remote desktop connections to our computing labs. In addition, you will need to authenticate on the remote lab computer using your College of Engineering account.

To access the lab computers remotely, please follow the instructions below for your operating system.

- Windows (classic RDP client)
- Windows (modern RDP client)
- MacOS
- Linux

**Need Help?**

If you are having issues using the Campus VPN or installing/configuring your RDP client, please consult the FAQ and/or your local IT staff.

- ECE: help@ece.ucsb.edu
- ME: support@me.ucsb.edu
- CHE: george@engineering.ucsb.edu

Thank you,

Engineering Computing Infrastructure