CST 334 (Operating Systems)

Dr. Glenn Bruns

# Lab: Linux setup

**Purpose**: the purpose of this lab is to make sure you can access mlc104, and that you have at least one other way to run Linux.

1. Before doing anything else, please join our Slack workspace if you haven't already. It is required for the course.

[Slack invitation](https://join.slack.com/t/cst334spring20/shared_invite/enQtOTE1MDY1OTgzMDc4LWU5YTgwYmU0N2Q4NDA1ZDViMzFlNmRjNzczNzg0ZDk3OTI4OWJkODNlNWZkNjlhMjFkYjg0ODExMmRkMWM2MmY)

1. The most important thing is to get access to mlc104. Use instructions in the ‘linux-setup’’ slides. Ask Dr. Bruns or other other students if you run into problems.
   1. After you login to mlc104, type command 'ls' to list files in your home directory.
   2. Type command 'touch foo.txt'. This will create file foo.txt.
   3. Transfer file foo.txt from mlc104 to your laptop. See these [instructions](https://docs.google.com/document/d/1PtFahIvv5TFNdXH_b0_B4HjtltpZyJ9Pn3s8UbxuQno/edit?usp=sharing).
2. Next, set up your laptop so that you can run Linux on your laptop.
   1. Mac users: you can use a terminal window for using bash, but the MacOS is not Linux
   2. Windows users: install Windows Subsystem Linux

If you want to, install Linux on your machine by first installing VirtualBox. Again, refer to the lecture slides for details.

1. If you have time, set up an account on AWS Cloud 9.
2. If you *still* have time, look at the ‘Getting started with bash’ document, and play around with some bash commands.

[getting started with bash](https://docs.google.com/document/d/1vdb9_jk-u02JWCN0B4KBUw_8tstR4Wu3Wgy1RtkZG_Q/edit?usp=sharing)