

# Computer Science & Engineering 150A

## Problem Solving Using Computers – Laboratory

### Lecture 01 - Unix Basics

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- Roll
- Syllabus
- Office Hours
- CSE Account: Logging in
- CSE Account: Agreement
- CSE Email
  - `pine`
  - `http://cse-mail.unl.edu`
  - `.forward` file

- Logging In
  - SSH Secure Shell
  - PuTTY
- Logging Out
  - `exit`

- Find the current directory
  - `pwd`
- Create a new directory
  - `mkdir`
- Change the directory
  - `cd`
  - `cd <dir>`
  - `cd ..`

- Creating Files
  - `pico <filename>` – A text editor
    - `Ctrl+O` – Save File
    - `Ctrl+X & y` – Save File and Exit
    - `Ctrl+X & n` – Exit without saving
  - `touch <filename>` – Create an empty file
- View file contents
  - `cat <filename>` – Show entire file
  - `more <filename>` – Show file one page at a time

- Listing Files
  - `ls` – Show all files in this directory
  - `ls -l` – Show more information
  - `ls <dirname>` – Show files in a different directory
- Copy and Rename Files
  - `cp <oldfile> <newfile>` – Copy a file to a new file
  - `mv <oldname> <newname>` – Rename a file
- Delete Files
  - `rm <filename>` – Be careful!

