

CS 350 Notes

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Views of an OS

0.1 Intro

- Web page: <http://www.student.cs.uwaterloo.ca/~cs350>
- discussions on *Piazza*
- textbook
 - *Operating System Concepts* by Silberschatz, Galvin and Gagne (8th ed.)
 - not relying in lecture, but important resource.
- course notes: printouts of slides

0.2 System View

- manage hardware resources
- allocate resources
- use resources it shares

0.3 Implementation View

- concurrent - needs to be because it manages other programs
- hardware interactions impose time constraints

Terminology

kernel

Part of the OS that responds to system calls, interrupts, etc.

operating system

The whole includes kernel and may include other related programs that provide services
e.g. ls, cd.