

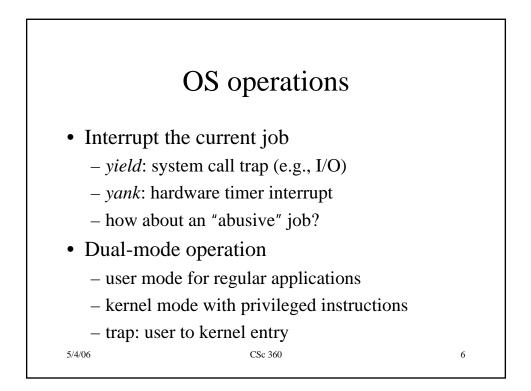
Time sharing

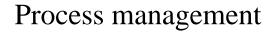
- Execute one job up to a certain time e.g., hardware timer with counter
- Switch to another one to execute
 - job scheduling, memory swapping
- Seem to execute *many* jobs at the same time

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- Batch processing vs time sharing
 - job responsiveness

- swapping overhead CSc 360





- Process: a running program
- Create, delete, suspend and resume process – resource allocation: CPU, memory, I/O, etc
- Schedule processes/threads
- Synchronize processes
- Communicate between processes
- Handle deadlocks

5/4/06

CSc 360

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