# CSE 3320 notes 11.4.2019

1. There are a group of processors arriving ot be run on a 4-core CPU with 16 MB of memory if there is a core available and memory to place the process each will run otherwise wait:

(Start Time, Run Time)

P1 0,4 4MB

P2 0,3 5MB

P3 0,6 6MB

P4 2,3 0

P5 3,6 2

P6 3,4 0

First fit, put

Best Fit

* First: Start at 0 and scan into the memory (big or small)
* Advantage of Worse fit: frag of memo left over, big enough to reuse
* Best Fit: closest available memory, smaller and smaller remaining holes

DLL: less space, automatically fix everything, update may mess up program, may not boot if update fail due to network

Accessingpage with 1 bit, 98% hit rate on avg

* 5ms if swap to bring pagein
* 2microsecond if ?
* Avg time = Hit (.88x 2x10^-6) or (+) Miss (0.02) x (5x10^-3)
  + Improving HR improves miss rate

Page Table: (2^12/256)

(Restroom Break)

Dynamic partiotion of 8,4,4 MB

FIFO: