CSCI 4210 Operating Systems / CSCI 6140 Computer Operating Systems – Mon/Thurs 10:00-11:50AM in DCC 318

"C" == **The C Programming Language** by Kernighan and Ritchie

"Tan" == **Modern Operating Systems** by Tanenbaum | "GSH" == **Principles of Modern Operating Systems** by Garrido, Schlesinger, Hoganson

Week	Suggested Readings	Monday	Tuesday	Wednesday	Thursday	Friday
1	C: Ch.1-4; Tan: Ch.1 GSH: Ch.1,App.A,G	**1/15: NO CLASSES** (MLK Jr. Day)			**1/18:** Syllabus, Linux, Ubuntu, C, Memory Allocation	
2	C: Ch.5,8,App.B Tan: Ch.2,10; GSH: Ch.2	**1/22:** C, Memory Allocation, File Descriptors, Redirection			**1/25:** Process Management, fork(), pipe(), Signals	
3	C: Ch.6-8; GSH: Ch.3,4	**1/29:** Zombies, wait/waitpid() (add deadline)			**2/1:** CPU Scheduling	**2/2:** [HW1 due]
4	GSH: Ch.5	**2/5:** CPU Scheduling			**2/8:** Threads (Java)	
5		**2/12:** Threads (C)			**2/15:** Threads (C), Synchronization	**2/16:** [HW2 due]
6	GSH: Ch.2,App.B	**2/19: NO CLASSES** (President's Day)	**2/20:** Exam 1 Review (Monday schedule)		**2/22:** [EXAM 1]	
7	Tan: Ch.2,6 GSH: Ch.6,7	**2/26:** Synchronization, Semaphores		**2/28:** [PROJ1 due]	**3/1:** Exam 1 Handed Back	
8	Tan: Ch.8,12	**3/5:** Synchronization, Mutual Exclusion, Deadlock			**3/8:** Inter-Process Communication (IPC)	**3/9:** (drop deadline)
		3/12-3/16: NO CLASSES (Spring Break)				
9		**3/19:** Network Programming, Sockets, socket()			**3/22:** Network Programming	**3/23:** [HW3 due]
10	Tan: Ch.3 GSH: Ch.10	**3/26:** Memory Management			**3/29:** Paging, Segmentation	
11	Tan: Ch.9 GSH: Ch.11	**4/2:** Virtual Memory		**4/4: NO CLASSES** (GM Week)	**4/5:** Exam 2 Review	
12		**4/9:** [EXAM 2]			**4/12: NO OpSys CLASS**	
13	Tan: Ch.4,5 GSH: Ch.8,9	**4/16:** Filesystems, I/O			**4/19:** Exam 2 Handed Back	**4/20:** [HW4 due]
14		**4/23:** Security		**4/25:** [PROJ2 due] (P/NC deadline)	**4/26:** Security	
15		**4/30:** Final Exam Review			**5/3-5/4: NO CLASSES** (Reading Days)	
16		**5/7-5/11:** [FINAL EXAM TBD (ROOM TBD)]				