OPERATING SYSTEMS (COMP SCI 3SH3), WINTER 2022
PROF. NEERJA MHASKAR

TENTATIVE COURSE SCHEDULE					
Week	Lecture Date	Chapter sections	Tutorial Material	Practice Labs/Lab tests	Assignments/ Exams
Introduction					
Week 1					
	We Jan. 12	Operating System Introduction - Ch 1	No tutorial	PL - 1a (Install Virtual Machine)	
	Th Jan. 13	Operating System Structures - Ch 2			
Process Management					
Week 2					
	We Jan. 19	Processes – Ch 3	Basic Introduction to C	PL – 2 (Kernel Modules + Processes in Linux)	
	Th Jan. 20	Processes Ch 3 + Threads and Concurrency – Ch 4			Assignment 1 Post
Week 3					
	We Jan. 26	Threads and Concurrency – Ch 4	T1	PL – 3 (Fork)	
	Th Jan. 27	Synchronization Ch 6/7			
Week 4					
	We Feb. 2	Synchronization Ch 6/7	T2	PL 4 – (Pthreads)	
	Th Feb. 3	Scheduling – Ch 5		Lab Test 1	
Week 5					
	We Feb. 9	Scheduling – Ch 5 +	T3	PL 6 – (Mutex)	

		Deadlock – Ch 8			
	Th Feb. 10	Deadlock - Ch 8		PL 7 – (Semaphore)	Assignment 1 Due
Memory Management					
Week 6					Assignment 2 Post
	We Feb. 16	Main Memory – Ch 9	T4	PL 7 – (Semaphore)	
	Th Feb. 17	Main Memory – Ch 9		Lab Test 2	
Mid-term Recess – Feb 21 - 27					
Week 7					
	We Mar. 2	Main Memory – Ch 9	T5	PL 8 – (Main Memory)	
	Th Mar. 3	Virtual Memory – Ch 10			Midterm
Week 8					
	We Mar. 9	Virtual Memory – Ch 10	T6	PL 8 – (Main Memory)	
	Th Mar. 10	Mass Storage – Ch 11			
Week 9					
	We Mar. 16	Mass Storage – Ch 11	T7	PL 9 – (Virtual Memory)	
	Th Mar. 17	I/O Structures - Ch 12		Lab Test 3	Assignment 2 Due
Week 10					Assignment 3 post
	We Mar. 23	I/O Structures - Ch 12	T8		

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	Th Mar. 24	File System Interface and Implementation - Ch 13 & 14			
Week 11					
	We Mar. 30	File System Interface and Implementation - Ch 13 & 14	T9	PL 10 – (Inodes and Protection in Linux)	
	Th Mar 31	Protection and Security (Basics)			
Week 12					
	We Apr. 6	Protection and Security (Basics)	T10		
	Th Apr. 7	Final Exam review			Assignment 3 Due
Week 13					
Last Tutorial, if needed					