

CS6200 Graduate Intro to OS						
FALL 2022						
Week	Start	End	Lessons	Exams/Project Deadlines *	Holiday/GT deadline	Papers
1	22-Aug		P1L1, P1L2	<i>install and configure class environment</i>		
2	29-Aug		P2L1			<a href="#">Birrel, Andrew, An Introduction to Programming with Threads.</a>
3	5-Sep		P2L2	<i>P1 warm-ups; config programming tools</i>	9/5 Labor Day	
4	12-Sep		P2L3	<i>Pthreads single threaded implementation</i>		
5	19-Sep		P2L4	<b>P1 due Sunday 9/25</b>		<a href="#">Eykholt, J.R., et. al., "Beyond Multiprocessing: Multithreading the Sun OS Kernel".;</a> <a href="#">Stein, D. and D. Shah, Implementing Lightweight Threads</a>
6	26-Sep		P2L5			<a href="https://s3.amazonaws.com/content.udacity-data.com/courses/ud923/references/ud923-pai-paper.pdf">https://s3.amazonaws.com/content.udacity-data.com/courses/ud923/references/ud923-pai-paper.pdf</a>
7	3-Oct		P3L1	<b>MIDTERM: 3pm EDT 10/6-10/11</b>		<a href="#">Fedorova, Alexandra, et. al., "Chip Multithreading Systems Need a New Operating System Scheduler</a>
8	10-Oct		P3L2			
9	17-Oct		P3L3		10/17-18 Fall Break	
10	24-Oct		P3L4		drop date 10/29, 4pm ET	<a href="#">Anderson, Thomas E., "The Performance of Spin Lock Alternatives for Shared-Memory Multiprocessors".</a>
11	31-Oct		P3L5			
12	7-Nov		P3L6	<b>P3 due Sunday 11/6</b>		<a href="#">Popek, Gerald and Robert Goldberg, "Formal Requirements for Virtualizable Third Generation Architectures";</a> <a href="#">Rosenblum, Mendel and Tal Garfinkel, "Virtual Machine Monitors: Current Technology and Future Trends"</a>
13	14-Nov		P4L1			<a href="#">Birrell, Andrew, and Bruce Nelson. "Implementing Remote Procedure Calls"</a>
14	21-Nov		P4L2		Thanksgiving 11/23-25	<a href="#">Nelson, Michael N., et. al., "Caching in the Sprite Network File System".</a>
15	28-Nov		P4L3	<b>P4 due Sunday, 12/4</b>		<a href="#">Protic, Jelica, et al., "Distributed Shared Memory: Concepts and Systems".</a>
16	5-Dec		P4L4			
17	12-Dec			<b>FINAL: 3pm EST 12/8 - 12/13</b>		
<b>* Tentative project deadlines</b>						
Project 1:	25-Sep	programming (multithreading)				
Project 3:	6-Nov	programming (shared memory, IPC)				
Project 4:	4-Dec	programming (gRPC)				
<b>* <i>italic text represents recommended milestones, no submissions are required</i></b>						