

Course Code:  
Course Title:  
Semester:

CSE321  
Operating Systems  
Summer 2025

Reference Books:1. [Operating System Concepts \[10th ed.\]](#)2. [Modern Operating Sy](#)

Week	Date	Topic
1, 2, 3	17 June - 30 June	Intro
		Process
3	28 June - 4 July	Thread
4, 5	5 July - 13 July	CPU Scheduling
5, 6	12 July - 23 July	Synchronization
7, 8	26 July - 3 Aug	Mid Week
8, 9	4 Aug - 14 Aug	File Systems
10, 11, 12	17 Aug - 30 Aug	Memory Management
12	30 Aug - 4 Sept	Protection
12, 13	2 Sept - 6 Sept	Security
14, 15	14 Sept - 21 Sept	Final Week



[Operating Systems \[4th ed.\]](#) [3. Operating Systems - Three Easy Pieces \[1.10 ed.\]](#)

Book Sections (Operating System Concepts)	Book Sections (OSTEP)	Quiz Schedule
		<b>TBA</b>
3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2, 3.3, 3.4		<b>TBA</b>
4.1, 4.2, 4.3, 4.4.1, 4.5.1, 4.6.1, 4.6.2, 4.6.3		<b>TBA</b>
5.1.1, 5.1.2, 5.1.3, 5.2, 5.3		
6.1, 6.2, 6.4.2, 6.5, 6.6, 6.8.1, 7.1		
	Chapter 40: (File System Implementation)	
11.1.1, 13.1.1, 13.1.2, 14.4.3 13.1.1, 13.1.2, 13.2, 13.4.1	Chapter 42 (Crash Consistency: FSCK and Journaling)	
10.1, 10.2.1, 10.2.2, 10.4.2, 10.4.3, 10.4.4		
17.1, 17.2, 17.4, 17.5, 17.7, 17.9, 17.10, 17.11		
16.1, 16.2, 16.6.1, 16.6.2, 16.6.3, 16.6.4, 16.6.6		



## **Take Home Quiz**

**1: Threading**

**2: Real-time scheduling**

**3: Inverted Page Table**













Marks Distribution		
Assignment	Avg of 4	5
Quiz	Best 3 out of 4	10
Lab	Given by Lab instructors	25
Mid	Week 1 - 6	25
Final	Week 8 - 13	35
<b>Total</b>		<b>100</b>





































