Topic	Book: Tanenbaum	Book: Galvin
Introduction to OS	Chapter 1 : Introduction, 1.1: What is an Operating System 1.5: Operating System Concepts > 1.5.1 1.6: System Calls > 1.6.1, 1.6.2 1.7: Operating System Structure > 1.7.1, 1.7.3 , 1.7.5, 1.7.6	1.1: What Operating Systems Do > 1.1.1 - 1.1.3 1.5: Operating-System Operations > 1.5.1 2.3: System calls 2.4: Types of System Calls > 2.4.1 - 2.4.5
Process and Threads	2.1 Process > 2.1.1- 2.1.3, 2.1.6, 2.1.7 2.2: Threads > 2.2.1, 2.2.2, 2.2.4, 2.2.5 2.3: Inter-process Communication > 2.3.1 - 2.3.5	3.1: Process Concept > 3.1.1 - 3.1.3 3.3 : Operation on Process > 3.3.1, 3.3.2 Chapter 4 : Threads > 4.1 , 4.2
Process Scheduling	2.4: Scheduling > 2.4.1-2.4.3	Chapter 5: > Until the section 5.4.3 (Load Balancing) inclusive
Classical IPC Problems	2.5 : Classical IPC problems > 2.5.1 – 2.5.2 > Sleeping Barber problem (See the class lecture for this problem and solutions)	X
Deadlock	Chapter 6: Deadlocks > Until 6.6 Inclusive	Chapter 7: Deadlocks > 7.1 - 7.7
Mass Storage Structure	Chapter 5 > 5.4.2 , 5.4.3, 5.4.4	Chapter 12: > 12.1.1 > 12.4 : Disk Scheduling >12.5.3
Memory Management and Virtual Memory	Chapter 3: Until 3.4.7 inclusive > 3.5.1	Chapter 8: > Until 8.5.1 inclusive Chapter 9: > 9.1 – 9.4.4
File System	X	Chapter 10: File System 10.1 10.2 Chapter 11: File System Implementation 11.4 11.5