Operating System Concept

1 Lecture 01, Introduction

Chapter 1.1, 1.2, 1.3, 1.4, 1.11

2 Lecture 02, OS Operations and Structure

Chapter 1.2, 1.5, 2.1, 2.2.1, 2.3, 2.7, 3.1

3 Lecture 03, Processes

Chapter 3.1, 3.3, 3.4, 3.6

4 Lecture 04, Threads

Chapter 4.1, 4.2, 4.3, 4.4.1, 4.6, 4.7.2

5 Lecture 05, Synchronization

Chapter 6.1, 6.2, 6.4, 6.5

6 Lecture 06, Semaphores and Monitors

Chapter 6.6, 6.7, 6.8

7 Lecture 07, Deadlock

Chapter 6.6.3, 7.1, 7.2, 7.3, 7.4, 7.5.3

8 Lecture 08, Scheduling

Chapter 5.1, 5.2, 5.3, 5.5

9 Lecture 09, Memory Management

Chapter 8.1, 8.2, 8.3, 8.4, 8.5

10 Lecture 10, Paging

Chapter 8.5 8.6, 9.3

11 Lecture 11, Virtual Memory

Chapter 9.1 9.2.1 9.4 9.5.3 9.6

12 Lecture 12, File Systems

Chapter 12.1 12.4

13 Lecture 13, Virtualisation

Chapter 1.11.6

14 Lecture 14, Secondary Storage

Chapter $10.1\ 10.2\ 10.6\ 11.1\ 11.2\ 11.3\ 11.4$