



Course Weekly Outline

Course Name: Operating System I

Course Instructor	
E-mail	
Title	
Course Coordinator	
Course Objective	<ul style="list-style-type: none">- Understand the fundamental concepts and principles of operating systems.- Learn about the key components and functionalities of operating systems.
Course Description	
Textbook	
References	
Course Assessments	Term Tests Laboratory Quizzes Project Final Exam
	30% 15% 5% 50%
General Notes	



Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Introduction to Operating Systems		
2		Overview of operating system components and their interactions		
3		Process concepts and process states		
4		Process scheduling algorithms		
5		Inter-process communication and synchronization		
6		Memory Management		
7		Memory hierarchy and virtual memory		
8		Memory allocation and deallocation		
9		File system concepts and organization		
10		File system implementation and management		
11		I/O devices and I/O subsystems		
12		I/O operations and buffering		
13		Disk scheduling algorithms		
14		Process Synchronization and Deadlock		
15		Final Exam		

Instructor Signature:

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