Operating Systems Assignment Marking Rubric

	Fail	Pass	Credit	Distinction	High Distinction
Grade%	0-49%	50-64%	65-74%	75-84%	85-100%
Process Management	Limited to no understanding of processes, scheduling, and multithreading. Ineffective problem-solving for synchronization issues.	Basic understanding of processes, scheduling, and multithreading. Identifies some synchronization issues but offers partial solutions.	Good understanding of process lifecycle with practical examples. Effective at solving synchronization issues.	Excellent understanding of processes, scheduling, and multithreading with comprehensive examples of synchronization solutions.	Outstanding and critical analysis of process management including innovative solutions to complex synchronizatic issues.
Memory Management	Lacks comprehension of virtual memory concepts, paging, and segmentation. Unable to apply memory allocation strategies.	Recognizes concepts of virtual memory and paging. Demonstrates basic application of memory allocation strategies.	Clear application of virtual memory concepts and paging strategies. Demonstrates effective memory allocation approaches.	Demonstrates in-depth knowledge of memory allocation strategies and effectively applies virtual memory concepts in various scenarios.	Exceptional comprehensio and applicatic of advanced virtual memor strategies, showcasing novel approaches t memory allocation.
File Systems	Insufficient understanding of file system architecture and allocation methods. No optimization skills demonstrated.	Understands file system architecture and some allocation methods. Attempts to discuss file system optimization.	Shows strong knowledge of file system design and allocation methods. Provides examples of optimization techniques.	Impressive grasp of file system architecture and methods, offering original insights into optimization and actual application examples.	Expert-level understandin and critique c file system designs, presenting original idea and solution for optimization that reflect comprehensiv analysis.