Operating Systems Assessment Marking Rubric

	Fail	Pass	Credit	Distinction	High Distinction
Grade%	0-49%	50-64%	65-74%	75-84%	85-100%
Process Management	Inadequate understanding of process lifecycle and synchronization. No application of scheduling algorithms.	Basic understanding of process lifecycle. Some discussion of scheduling but lacks depth.	Good understanding of process lifecycle and scheduling with examples. Some skills in solving synchronization issues.	Strong understanding of scheduling algorithms and process synchronization. Effectively resolves synchronization issues.	Exceptional comprehension of process management concepts. Innovatively solves complex synchronization problems.
Memory Management	Little to no comprehension of memory allocation strategies. Cannot apply virtual memory concepts.	Basic knowledge of memory allocation strategies, with limited application of virtual memory concepts.	Competently apply virtual memory concepts and describe paging and segmentation.	Demonstrates detailed knowledge of memory allocation strategies and consistently applies virtual memory concepts.	Mastery of memory management principles; expertly applied advanced paging and segmentation strategies.
File Systems	Insufficient knowledge of file system design and optimization techniques.	Basic understanding of file system architecture and file allocation methods.	Ability to evaluate file system design and apply knowledge of disk scheduling.	Analytical evaluation of file system architecture; optimizes file systems with sound methodologies.	Creates innovative solutions in file system design and optimization, backed by thorough analysis.