

COURSE OUTLINE

Course Code: CSE 314

Course Title: Operating Systems Sessional

Level/Term: 3/II

Section: A/B

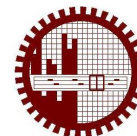
Academic Session: 2021-22

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Assessment:

Compnents	Percentage (tentative)
Attendance	10%
Shell Script Offline	10%
Shell Script Online	10%
IPC Offline	10%
Multithreading Offline	20%
Memory Management Offline	15%
Quiz	25%



Learning Resources:

Book Name	Author
Modern Operating Systems	Andrew S. Tanenbaum

Tentative Schedule:

Week	Topics
Week 1	Lectures on Shell Commands
Week 2	Lectures on Shell Script and Declaration of Offline 1 on shell script
week 3	Practice class
Week 4	Offline 1 submission and evaluation, Online on Shell script
Week 5	Lecture on pthread and declaration of Offline 2 on IPC
Week 6	Offline 2 Submission , Xv6 installation, Lecture on Xv6
Week 7	Offline 2 evaluation, Declaration of Offline 3 on System Calls for thread support and multithreading
Week 8	Practice class
Week 9	Offline 3 submission and evaluation
Week 10	Offline 4 on Xv6 enabling virtual memory management, paging, caching
Week 11	Practice class
Week 12	Offline 4 submission and evaluation
Week 13	Lecture on Linux Kernel, Quiz

Prepared by :	
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