



Course Outlines

Course Details:

Course Code : CSI 232 Credit hours: 3.0
Course Title : Operating System concepts Sessional
Program : CSE / CSIT
Semester : Fall- 2016
Course Teacher : Tanusree Sharma
Lecturer, Dept. of CSE

Course Assessment:

The assessment components for evaluation of students are as follows:

Item/Activity	Marks (%)
Work Sheet (including class attendance and Lab performance)	20%
Assignment/ Presentation	10%
Report Writing	20%
Lab Test: 20 + Viva: 20 + Script: 10	50%
Total	100%

Course Contents:

Lectures	Contents (Each lecture will be 3.0 hours duration)
Lecture-1	Introduction to Operating System
Lecture-2	Command Learning
Lecture -3	Processes
Lecture -4	Shell Scripting Language
Lecture -5	Shell Scripting Language
	Assignment/Presentation
Lecture -6	Deadlocks
Lecture -7	Algorithm related to deadlocks
Lecture -8	Banker's algorithm
Lecture -9	Safety Algorithm
	Final Exam
Lecture -10	CPU Scheduling Algorithm
Lecture -11	CPU Scheduling Algorithm
Lecture -12	CPU Scheduling Algorithm

--	--

Textbooks:	<ol style="list-style-type: none">Operating System Concepts, 7th Edition Abraham Silberschatz, Yale University Peter Baer Galvin, Corporate Technologies Greg Gagne, Westminster College ISBN: 0-471-69466-5
-------------------	---