

Faculty of Computers and Information Technology

Operating Systems - 1

Information :

Course Code : CSC311

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Computers and Information Technology

Instructor Information :

Title	Name	Office hours
Associate Professor	Ibrahim Eldesouky Fattoh Abdelmageed	1
Associate Professor	Sabah Sayed Mohamed Abd El Ghany Desouky	1
Teaching Assistant	Roba Mamdough Mahfouz Ahmed Ibrahim	
Teaching Assistant	Hadeer Khaled Adel Abdelaziz	
Teaching Assistant	Tasnim Salah Abdelraaouf Mahmoud Kandil	
Teaching Assistant	Yasmina Mohamed Nasr Abdel Latif Eldafrawy	

Description :

This course provides an overview of operating system concepts, a comprehensive survey of operating system concepts, structures, and processes. Topics covered in this course are OS support for concurrency (threads) and synchronization, deadlocks, process scheduling, Memory management, multi-programming, swapping, virtual memory, paging, symbolic segmentation, multithread programming, inter-process communication, and distributed interactions. Hands-on experience is provided through a series of exercises, assignments, and projects.