

## 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
Lecturer	Hesham Mohamed Mostafa Mohamed Mahmoud Elmasry	
Teaching Assistant	Vironia Victor Sabry Fahmy Abdelmalak	
Teaching Assistant	Roba Mamdouh 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.