

**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
Professor	Khaled Tawfic Hassan Wassif	
Teaching Assistant	Linah Mohammed Ibrahim Elsayed Ahmed Elnaghi	
Teaching Assistant	Hadeer Khaled Adel Abdelaziz	
Teaching Assistant	Tasnim Salah Abdelraaouf Mahmoud Kandil	

**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.