

Faculty of Computers and Information Technology

Data Structures

Information :

Course Code : CSC222

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Computers and Information Technology

Instructor Information :

Title	Name	Office hours
Associate Professor	Wael Zakaria Abdallah Mohammed	1
Associate Professor	Naglaa Mohamed Reda Taher Saeed	
Teaching Assistant	Aya Waheed Eid Abdelazim	
Teaching Assistant	Yasmina Mohamed Nasr Abdel Latif Eldafrawy	
Teaching Assistant	Hadeer Khaled Adel Abdelaziz	
Teaching Assistant	Roba Mamdouh Mahfouz Ahmed Ibrahim	
Teaching Assistant	Norhan Mohamed EL Hosseiny Sayed	

Description :

The course provides basic principles of data structures in computing, including design, verification, and application in terms of both structural elements and algorithmic strategies. Topics covered in this course are basic concepts of the data structures, arrays, static implementation of stacks and queues, linked lists, dynamic implementation of stacks and queues, trees, binary trees, binary search, graphs, sorting