Faculty of Computers and Information Technology

Computer Organization and Assembly Language

Information :

Course Code : CSC325	**Level** : Undergraduate	**Course Hours :** 3.00- Hours	

Department : computer Science Program

Instructor Information :

Title	Name	Office hours
Lecturer	SALMA RADWAN HASSAN ABDELHAMID	
Teaching Assistant	Nada Emad Abdelsalam Hussien	
Teaching Assistant	Ahmed Samy El Saeed Ali Abo Ragab	

Description :

The course provides the principles of computer organization in computing discipline, including design, verification, application, components of a typical computer, including their functions and inter-communications. Topics covered in this course are ALU design, organization of the processor data path and control, performance analysis, memory system hierarchy, pipelining, communication, concepts of assembly language and how to program and manipulate computer basic through a low-level assembly language. Hands-on experience is provided through a series of exercises, assignments, and projects.

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