Faculty of Engineering & Technology

Computer Programming

Information :

Course Code :	EED160	**Level** :	Undergraduate	**Course Hours :**	2.00- Hours

Department :	Faculty of Engineering & Technology

Instructor Information :

Title	Name	Office hours
Lecturer	Mohamed Ahmed Hussein Ali	1
Teaching Assistant	Salma Mohamed Shalaby Abdelaziz	
Teaching Assistant	Hanan Hossam Eldeen Mohamed Abdelaziz	
Teaching Assistant	Warda Mustafa Saied Mahmoud	
Teaching Assistant	Belal Taha Fathi Taha Hussien	

Description :

Description of a hypothetical computer system, The CPU main memory, I/O subsystem and all related components. In-depth discussion of the architecture of the Intel 80x86 based microprocessors and of available assemblers, Linkers, library managers and debugging tool. Macro assembler programming techniques involving building, Incorporating and maintaining libraries, and using assembler pseudo-ops and directives. Debugging and testing techniques, Interfacing a high level language with an assembly language, Chip level programming of microprocessor type systems, Topics covered include I/O ports, I/O devices and controllers, DMA channels, priority.

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