



weekly lesson schedule

Course Lecturer		Dhuha Habeeb Mtashar			
e-mail		dhuha6y@gmail.com			
Title		Computer Fundamentals and Programming			
Course Coordinator					
Course Objectives		The student will become familiar with basic computer hardware, operating systems such as Windows, and productivity applications like Word and PowerPoint; they will also understand network and Internet concepts (including search engine use) and gain introductory proficiency in the MATLAB environment.			
Course Description		This introductory course covers basic PC hardware and Windows OS, essential Microsoft Office tools (Word & PowerPoint), fundamental networking and Internet/search-engine skills, and an overview of the MATLAB environment.			
Textbooks		1. Silberschatz, A., Galvin, P. B., & Gagne, G. (1999). Applied operating system concepts. John Wiley & Sons, Inc. 2. Moore, H. (2012). MATLAB for Engineers.			
final exam 50	project	Assignment	daily exams	lab	Midterm Exam
	10	10	10	10	10
General Notes					



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Week	Date	Topics Covered	Number of	Notes
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			Hours	
١	1٠-11-2024	Fundamentals of Operating Systems and Computer Operation		
٢	١٧-11-2024	Desktop Navigation, Hardware–Software Interaction, and Software Ethics		
٣	2٤-11-2024	Microsoft Office Applications: Word, Excel, and PowerPoint		
٤	١-12-2024	Fundamentals of Computer Networks, Internet Connectivity, and Information Retrieval		
٥	٨-12-2024	Introduction to MATLAB Environment and User Interface		
٧-٦	15-12-2024 22-12-2024	Basic MATLAB Programming and Matrix Manipulation		
٩-٨	29-12-2025 5-1-2025	Control Flow and Function Development in MATLAB		
١٢-١١-١٠	12-1-2025 19-1-2025 26-1-2025	Array Creation and Manipulation in MATLAB.		
١٤-١٣	2-2-2025 9-2-2025	Cell Arrays and Structures in MATLAB		
١٥	16-2-2025	Matrix Arithmetic Operations in MATLAB		

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Head of Department signature: