

Module (Course Syllabus) Catalogue 2024-2025

College/ Institute	Erbil Technical Engineering	
Department	Information Systems Engineering	
Module Name	Design new media	
Module Code	DNM303	
Degree	Technical Diploma <input type="checkbox"/>	Bachler <input checked="" type="checkbox"/>
	High Diploma <input type="checkbox"/>	Master <input type="checkbox"/> PhD <input type="checkbox"/>
Semester	3	
Qualification	Master in computer engineering	
Scientific Title	Assist. Lecturer	
ECTS (Credits)	4	
Module type	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
Weekly hours	3	Total Workload=(116) hrs
Weekly hours (Theory)	(1)hr Class	()Total hrs Workload
Weekly hours (Practical)	(2)hr Class	()Total hrs Workload
Number of Weeks	15 Week	
Lecturer (Theory)	Shadan Mohammed Jihad	
E-Mail & Mobile NO.	Shadan.abdalwahid@epu.edu.iq	
Lecturer (Practical)	Mr. Hawkar Jabbar HamadAli	
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Websites		

Course Book

<p>Course Description</p>	<p>This course provides a fundamental of principles and paradigms necessary for creative visual design in a digital medium. It will enable the student to establish the needed skill set to creatively state and creatively solve design. The student will know all about the GUI that is now very important for any digital new media. Provide information about new media for visual communication</p>				
<p>Course objectives</p>	<p>This course utilizes the computer as a creative tool for the development of both expressive and professional images. students learn how to critically discuss visual design along with an exploration of basic conceptual skills essential to design issues in New Media, such as interface, interaction and visual navigation</p>				
<p>Student's obligation</p>	<p>The student must : 1 -Attendance the theoretical and practical lectures 2- completion of all homework, tests, exams 3- Present the reports . 4- Design Project</p>				
<p>Required Learning Materials</p>	<p>1- Present the lecture by PowerPoint slides using data show 2-White board 3- Note Book 4- Book</p>				
<p>Evaluation</p>	<p>Task</p>	<p>Weight (Marks)</p>	<p>Due Week</p>	<p>Relevant Learning Outcome</p>	
	<p>Paper Review</p>				
	<p>Assignments</p>	<p>Homework</p>	<p>5%</p>		
		<p>Class Activity</p>	<p>2%</p>		
		<p>Report</p>	<p>10%</p>		
		<p>Seminar</p>			
		<p>Essay</p>			
		<p>Project</p>			
	<p>Quiz</p>		<p>8%</p>		
	<p>Lab.</p>		<p>10%</p>		
<p>Midterm Exam</p>		<p>10%</p>			

	Midterm Exam lab	15%		
	Final Exam	40%		
	Total	100		
Specific learning outcome:	<p>1-The student understand some important information about new media, digital technology, interaction design.</p> <p>2-The ability to design pictures, logos, website by using Photoshop</p> <p>3- Ability to understand the meaning of GUI.</p>			
Course References:	<ul style="list-style-type: none"> • Design For New media Book, Lon Barfield ,2004 ▪ Internet ▪ Note Book 			
Course topics (Theory)		Week	Learning Outcome	
New media and interaction design		1, 2	Understand new media and multimedia	
Introduction to graphic design ,The elements Design, principles of design		3	Know about elements and principles of design	
Design and technology, new media for visual communication		4, 5	Know about new technology, visual communication	
Web design fundamentals		6	Know about fundamental of design a web	
Graphical User interface (GUI),GUI styles		7	Know all about GUI	
Interaction(GAS, contexts, user models, feedback,		8, 9	Know about interaction	
structure, Navigation, Narrative.		10	Know about structure, Navigation, Narrative.	
Design it(Generating ideas, Top –down design		11	Know about Design system	
The underlying system model, metaphors,		12	What is metaphores	
Practical Topics		Week	Learning Outcome	

Practical Part is design graphics by photoshop	1-12	The student learn how to use tools in photoshop for design graphics
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Questions Example Design

- Q1) A) Draw the server side programming architecture 10 marks
B) Explain why the good design of GUI is needed ? 15 marks

Extra notes:

External Evaluator

I confirm that the syllabus given in the attached course book is sufficient and covers the required areas needed for the students.