



UNITED INTERNATIONAL UNIVERSITY
Department of Computer Science and Engineering (CSE)
Course Syllabus

1	Course Title	UI: Design and Concepts										
2	Course Code	CSE 4945										
3	Trimester and Year	Summer 2024										
4	Pre-requisites	None										
5	Credit Hours	3										
6	Section	A										
7	Class Hours	Saturday 2:00 PM - 4:30 PM										
8	Classroom	Room 529										
9	Instructor’s Name	Iftekharul Abedeen										
10	Email	iftekharul@cse.uiu.ac.bd										
11	Office	Room #636 (A)										
12	Counseling Hours	<table><tr><td>Saturday</td><td>11:30 am - 1:30 pm</td></tr><tr><td>Wednesday</td><td>8:30 am - 11:00 am</td></tr></table>	Saturday	11:30 am - 1:30 pm	Wednesday	8:30 am - 11:00 am						
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13	Text Book	1. Design with the Mind in Mind										
14	Reference											
15	Course Contents (approved by UGC)											
16	Course Outcomes (COs)	<table><tr><td>COs</td><td>Description</td></tr><tr><td>CO1</td><td>Describe the UI design tools and features.</td></tr><tr><td>CO2</td><td>Design and implement UI for web and mobile devices on various platforms.</td></tr><tr><td>CO3</td><td>Implementation a personal website to show the skills.</td></tr><tr><td>CO4</td><td>Work in a team and conduct a case study.</td></tr></table>	COs	Description	CO1	Describe the UI design tools and features.	CO2	Design and implement UI for web and mobile devices on various platforms.	CO3	Implementation a personal website to show the skills.	CO4	Work in a team and conduct a case study.
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CO1	Describe the UI design tools and features.											
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CO4	Work in a team and conduct a case study.											
17	Teaching Methods	Lecture, Laboratory exercise, and reports, Project Developments.										

[illegible]

	Lab8	Empathizing with the users, Framer	CO1, CO3	Lecture, Hands on
	Lab9	CT 2, Progress report.	CO2	Coding Test 2, Discussion
	Lab10	Ideation and Audits, Framer	CO1, CO3	Lecture, Hands on
	Lab11	Wireframes and Prototypes, Framer (Complete Portfolio)	CO1, CO3	Lecture, Hands on
	Lab12	Final report	CO2	Presentation 2
		Final Exam		

Appendix 1: Assessment Methods

No.	Criteria	Marks	Remarks
1.	Attendance	10%	
2.	Class Performance	20%	N-1 out of N
3.	Case Study	20%	
4.	Web project	20%	
5.	Final Exam	30%	Held separately during Theory Final Exams

Appendix 2: Grading Policy

Letter Grade	Marks %	Grade Point	Letter Grade	Marks%	Grade Point
A (Plain)	90-100	4.00	C+ (Plus)	70-73	2.33
A- (Minus)	86-89	3.67	C (Plain)	66-69	2.00
B+ (Plus)	82-85	3.33	C- (Minus)	62-65	1.67
B (Plain)	78-81	3.00	D+ (Plus)	58-61	1.33
B- (Minus)	74-77	2.67	D (Plain)	55-57	1.00
			F (Fail)	<55	0.00

Appendix-3: Program outcomes

P0s	Program Outcomes
P01	An ability to apply knowledge of mathematics, science, and engineering
P02	An ability to identify, formulate, and solve complex engineering problems
P03	An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations
P04	An ability to investigate complex problems using research-based knowledge and research methods design and conduct experiments, as well as to analyze and interpret data
P05	An ability to use the techniques, skills, and modern engineering tools necessary for

	engineering practice
P06	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
P07	Understand and evaluate the sustainability and impact of professional engineering work in the solution of complex engineering problems in societal and environmental contexts
P08	An understanding of professional and ethical responsibility
P09	An ability function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings
P010	An ability to communicate effectively
P011	Project management and finance
P012	A recognition of the need for, and an ability to engage in life-long learning