Course Outline: UI/UX Design

Course by:

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Chattogram-4349, Bangladesh.

Course Summary

No.	Subject	Comments
1	Course Duration	72 Hours (24 Classes, 12 Weeks)
3	Lab Facilities	SKITBI, CUET will provide.

Schedule

Batch – 01 (Offline): Monday & Wednesday 3 pm to 6 pm
Batch – 02 (Online): Sunday & Tuesday 6 pm to 9 pm

Coordinator

Professor Dr. M. Moshiul Hoque
Professor, Dept of CSE, CUET
Director, Sheikh Kamal IT Business Incubator in CUET
Former Dean, Faculty of Electrical & Computer Engineering, CUET
Chair, IEEE Bangladesh Section

Trainers

AZM Monir Hossain
Lead Designer, Diligite Ltd.

Nidal Adnan Kibria
Sr. UI/UX Designer, Diligite Ltd.

Course Modules

Module 1: Introduction to UI/UX Design
- Topics Covered:
  - Understanding the role of UI and UX in digital design.
  - Differentiating between User Interface (UI). User Experience (UX) & Customer Experience (CX).
  - Overview of the design process.
  - How to create a student account in Figma.
- Duration: 3 hours

Module 2: Fundamentals of Design Principles
- **Topics Covered:**
  - Typography and its impact on design.
  - Color theory and its application.
  - Layout and composition basics.
- **Duration:** 3 hours

Module 3: Introduction to Design Tools
- **Topics Covered:**
  - Overview of popular design tools (e.g., Adobe XD, Sketch, Figma).
  - Basic functionalities and interface navigation of Figma
- **Duration:** 3 hours
- **Comments:** Introduces students to the tools they'll use throughout the course.

Module 4: Discussion on Course Outcome
- **Topics Covered:**
  - Fixing the topic of the Capstone Project
  - Open discussion on future careers and how to plan the next 3 months to achieve your desired goal.
  - Create accounts on Upwork/Fiverr/Dribble/Behance/Themeforroest.
- **Duration:** 3 hours

Module 5: Deep dive into Figma: Part 1- Introduction to advanced tools and techniques
- **Topics Covered:**
  - Creating Auto Layouts and using them in designs.
  - Creating Styles and using them in designs.
- **Duration:** 3 hours

Module 6: Introduction of UX laws, Part 1:
- Introduction to UX Laws and their impact on design
- Exploring key UX laws like Hick's Law, Fitts' Law, and Miller's Law

- Learning how to apply these laws in Figma for improved designs
- **Duration:** 3 hours

Module 7: Introduction of UX laws, Part 2:

- Exploring interactive case studies utilizing UX Laws
- Exploring key UX laws like Gestalt Principles, Pareto Principle, Law of Proximity, etc.
- Learning how to apply these laws in Figma for improved designs
- **Duration:** 3 hours

Module 8: Accessibility in UI/UX Design:

- Discussion on how to design for everyone, including people with special needs.
- How to check your design for accessibility issues.
- Share examples of how accessibility can result in better product design for everyone.
- **Duration:** 3 hours

Module 9: User Research and Personas

- **Topics Covered:**
  - Discussion on conducting user research.
  - Creating user personas- sharing rules and best practices.
  - Creating user personas for your Capstone Project.
- **Duration:** 3 hours

Module 10: User Flows, Information Architecture & Site Map

- **Topics Covered:**
  - Discussion on User Flow Mapping
  - Discussion on Information architecture principles.
  - Discussion on site map.
  - Creating user flows for your Capstone Project.
- **Duration:** 3 hours

Module 11: Deep dive into Figma: Part 2- Introduction to Components and Variants

- **Topics Covered:**
  - How to create components and variants
  - Components vs Variants: use case based on scenarios.
- **Duration:** 3 hours

Module 12: Wireframing and Prototyping

- **Topics Covered:**
  - Creating wireframes to plan layout and structure.

- Prototyping for interactive user experiences.
- **Duration:** 3 hours

Module 13: Deep dive into Figma: Part 3- Introduction to Variables

- **Topics Covered:**
    - Introduction to Variables.
    - Styles vs Variables: use cases based on scenarios.
- **Duration:** 3 hours

Module 14: Deep dive into Figma: Part 4- Introduction to Design System

- **Topics Covered:**
    - Introduction to Design Systems- sharing design systems of major tech companies.
    - Introduction to Atomic Design- how to create a mini design system for your projects.
    - How to adopt an existing design system in your projects.
- **Duration:** 3 hours

Module 15: Introduction to Product Management: discussion on Design Sprints, SCRUM & Agile methodology

- **Topics Covered:**
    - How design sprints work in tech companies.
    - Introduction to SCRUM.
    - Agile vs Waterfall: when to use which one.
- **Duration:** 3 hours

Module 16: Responsive Design

- **Topics Covered:**
    - Designing for different screen sizes.
    - Responsive design principles.
- **Duration:** 3 hours

Module 17: Follow up on Capstone Project

- **Topics Covered:**
    - Share the skeleton of the UX Case Study.
    - Review student's progress on the UX case study.
- **Duration:** 3 hours

Module 18: Portfolio Preparation Part 1: Website Landing page design

- **Topics Covered:**
    - Create unique landing pages in Figma share them in Behance/Dribble, and submit them in Themeforest.

- Discussion on how to replicate popular design trends.
- **Duration:** 3 hours

Module 19: Discussion on design trends- Skeuomorphism, Neomorphism & Glassmorphism.

- **Topics Covered:**
  - Discussion on popular design trends.
  - Create UIs using Neomorphism and Glassmorphism and upload them in Behance/Dribble.
- **Duration:** 3 hours

Module 20: Portfolio Preparation Part 2: Mobile App UI Design

- **Topics Covered:**
  - Create Mobile APP UI screens in Figma and share in Behance/Dribbble, submit in Themeforest.
  - Discussion on how to replicate popular design trends.
- **Duration:** 3 hours

Module 21: Portfolio Preparation Part 3: Smartwatch App UI design

- **Topics Covered:**
  - Create Smartwatch App UI screens in Figma and share in Behance/Dribble, submit in Themeforest.
  - Discussion on how to replicate popular design trends.
- **Duration:** 3 hours

Module 22: Portfolio Preparation Part 4: Smart TV and Vision Pro App UI design

- **Topics Covered:**
  - Create App UI screens for Smart TV and Vision Pro in Figma and share in Behance/Dribble, submit in Themeforest.
  - Discussion on how to replicate popular design trends.
- **Duration:** 3 hours

Module 23: Introduction to Freelancing

- **Topics Covered:**
  - How to update an account in Fiverr/Upwork.
  - How to bid for jobs in Upwork.
  - How to create a gig in Fiverr.
- **Duration:** 3 hours

Module 24: Updating CV and Prepare for Job Interviews

- **Topics Covered:**
  - How to analyze job posts.

- How to update CV based on job posts.
- How to prepare for interviews.

- **Duration:** 3 hours

Frequently Asked Questions (FAQ)

Can I register for multiple courses?
-Yes, participants can register for multiple courses.

Will there be an overlap in class schedules for multiple courses
-There may be minimal overlap in class schedules, Please check the routine available at the notice board.

What are the available payment methods for online enrollment?
-Payment can be made via cash or online using the "Bkash to Bank" option.

Are there evening batches available for job holders?
-Yes, evening batches will be available. Please check the routine available on the notice board of the website.

Can I switch between online and offline classes?
-Online and offline classes are separate batches, and transfer depends on seat availability.

How will admission be confirmed?
-Admission will be confirmed upon payment; no separate admission exam will be conducted.

Will classes be conducted in locations other than the chosen one?
-No, classes will only be conducted at the chosen location, not in other cities.

What is the profile of the trainers?
-Faculty members will include both academic and industry experts.

What is the last date of enrollment?
-There is no last date of admission. After filling out the batches, enrollment will be closed.

Can I admit physically?
-Yes, Come to the third floor (Room no: 301,302) at the Multipurpose Building of Sheikh Kamal IT Business Incubator, CUET.

Will classes be held during Ramadan?
-Yes, they will.

Will a recorded version be available?
Yes, you will get lifetime access to the recorded version of the classes.