Syllabus
Certificate Course on Web Designing
Course Code: CSCC04

Overview

This certificate course is designed to provide B.Sc. Computer Science students with the skills and knowledge needed to create visually appealing and user-friendly websites. The course will cover the basics of web design, including HTML, CSS, and JavaScript. Students will also learn about web design principles, best practices, and tools.

Prerequisites

- B.Sc. Computer Science degree or equivalent
- Basic knowledge of HTML, CSS, and JavaScript
- Strong problem-solving skills
- Creativity and attention to detail

Course Objectives

- Upon completion of this course, students will be able to:
    - Understand the basics of web design
    - Use HTML, CSS, and JavaScript to create websites
    - Apply web design principles and best practices
    - Use web design tools and software
    - Create visually appealing and user-friendly websites

Course Content

- Introduction to Web Design
    - What is web design?
    - The different aspects of web design
    - The history of web design
    - The different web design trends
- Web Design Principles
    - The principles of design
    - How to apply the principles of design to web design
    - The different web design elements
    - How to use the web design elements to create a visually appealing website
- Web Design Tools and Software
    - The different web design tools and software
    - How to use the web design tools and software to create a website
- Web Design Best Practices
    - The best practices for web design

- How to create a website that is user-friendly, accessible, and search engine friendly
- Web Design Projects
  - Students will complete a series of web design projects
  - The projects will allow students to apply the skills they have learned in the course
- Final Exam
  - Students will take a final exam to assess their knowledge of web design

Assessment

- Students will be assessed on their performance in the following areas:
  - Attendance and participation
  - Midterm exam
  - Final exam
  - Web design projects

Grading

- Attendance and participation: 10%
- Midterm exam: 20%
- Final exam: 30%
- Web design projects: 40%

Reference Books

- Designing with Web Standards by Jeffrey Zeldman and Ethan Marcotte.
- Don't Make Me Think by Steve Krug.
- HTML and CSS: Design and Build Websites by Jon Duckett.
- Web Design for Beginners book by Chris Coyier