

DEPARTMENT OF INFORMATION TECHNOLOGY				Certificate Course				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours/week	CIA	Ext	Total
	Certificate Course - 2		Web Designing Tools	2	2	50	50	100

Course Objectives

1. To impart knowledge about the web development and their applications
2. To create forms with radio groups, check boxes and/or text fields
3. To Place image and text elements within a web page using Cascading Style Sheets.
4. To learn the concept of creating a new web page in Dreamweaver CC.
5. To create a basic, fully functional website.

Unit	Content	Hours
I	Basics of HTML: Introduction to HTML – HTML browsers - Different versions of HTML-HTML tags - Document Overview - Header Elements - Section headings - Body Section.	6
II	Working with HTML: Block headings – Lists-Inline elements – Images - working with Tables, Forms, and Frames.	6
III	Cascading Style Sheets: Introduction to Dynamic HTML – CSS – Document Object Model – Event Handling – Filters and Transitions – Data Binding.	6
IV	Introducing Dreamweaver CC: Introduction- Getting Familiar With New Features-Hardware and Software Requirements for Dreamweaver CC- Launching Adobe Dreamweaver CC- Exploring the Adobe Dreamweaver CC User Interface-Creating a Web Page-Exploring Views in the Document Window- Working with Panels-Working with a Workspace-Saving a Web Page and Quitting the Application.	6
V	Setting Up A Website: Static and Dynamic Websites-Common Dreamweaver File Types-Setting Page Properties-Creating a Website-Adding a Title to a Web Page-Managing a Website. Working With Library, Layouts And Templates: Introducing Library Items-Understanding Page Layout with CSS-Introducing Templates-Inserting an Editable Region- Publishing a Website: Publishing a Website.	6

Books for Study

1. Web Technology - A Developer's Perspective by N P Gopalan, J Akilandeswari,, PHI, II Edition, New Delhi ,2008.
2. Dreamweaver CC in Simple Steps by DT Editorial Services, Dreamtechpress, 2019.

Chapters

Book 1

- Unit I: 4
- Unit II:4
- Unit III: 7

Book 2

- Unit IV:1
- Unit V: 2,6,8

Books for Reference

1. “Web Technology and Design” – C. Xavier, New Age International Publisher
2. . Web Enabled Commercial Application Development Using HTML, DHTML, JavaScript, Perl CGI, - Ivan Bayross, BPB Publication.

Web Resources

1. https://www.w3schools.com/html/html_tables.asp
2. <https://www.geeksforgeeks.org/dom-document-object-model/>
3. <https://www.hostinger.in/tutorials/dreamweaver-tutorial/>

Pedagogy

Chalk and talk, PPT, Assignment, Seminar, Problem solving, Group discussion, Interaction and Demonstration.

Course Designer(s) Name

1. Mrs. K. Vairameenakshi
2. Miss. S. Saranya

Evaluation Pattern

- Distribution of marks for Internal and External examinations will be 50% each.
- Course teacher will fix the components for the distribution of marks in both internal and external examinations.