

**University of Computer Studies(Thaton)**  
**2024-2025 Academic Year**  
**First Year (B.C.Sc. / B.C.Tech.)**  
**Lecture Plan**

**CST-1154 (SK): Web platform-based Development (HTML 5+ CSS)** **First Semester**

**Textbook** : Web Development and Design Foundations with HTML5 (6<sup>th</sup> Edition) by  
Terry Felke Morris

**Prerequisite** : NIL

**Credit Unit** : 2 ACUs

**Periods** : 64 periods for 16 weeks (4 periods \*16 weeks) (1 period -1 hr)

No.	Topics	Week	Remark
1	Internet and Web Client and Server <ul style="list-style-type: none"> <li>• Web Browser</li> <li>• Web Page, Web Site</li> <li>• IP Address</li> </ul>	Week 1	Overview
2	HTML5 Basics <ul style="list-style-type: none"> <li>• Nature of HTML</li> <li>• HTML5 Template</li> <li>• Basic HTML5 Elements</li> <li>• Phrase Elements</li> </ul>	Week 2	Detail
3	Hand On Practices	Week 3	Detail
4	List Tags <ul style="list-style-type: none"> <li>• Ordered Lists</li> <li>• Unordered Lists</li> <li>• Description Lists</li> <li>• Special Characters</li> <li>• Different Hyperlinks</li> </ul>	Week 4	Detail
5	Hand On Practices	Week 5	Detail
6	Tables <ul style="list-style-type: none"> <li>• HTML Table Elements</li> <li>• HTML Colspan Attribute</li> <li>• HTML Rowspan Attribute</li> <li>• Accessibility and Tables</li> <li>• Using &lt;img&gt; Element</li> </ul>	Week 6	Detail Assignment 1
7	Hand On Practices	Week 7	Detail

No.	Topics	Week	Remark
8	Forms <ul style="list-style-type: none"> <li>• Input Element Form Controls</li> <li>• Scrolling Text Box</li> <li>• Select List</li> <li>• Image Buttons and Button Elements</li> <li>• Accessibility and Forms</li> <li>• Label Elements</li> <li>• Fieldset and Legend Elements</li> </ul>	Week 8-9	Detail
9	Hand On Practices	Week 10	Detail
10	Cascading Style Sheet (CSS) <ul style="list-style-type: none"> <li>• Advantages of CSS</li> <li>• Disadvantages of CSS</li> </ul>	Week 11	Overview Assignment 2
11	Configuring Color & Text with CSS	Week 12	Detail
12	Creating and Formatting Lines; Borders and Images	Week 13	Detail
13	CSS <ul style="list-style-type: none"> <li>- Inline Style</li> <li>- Embedded Style</li> <li>- External Style</li> </ul>	Week 14	Detail Assignment 3
14	Mini Project Assignment	Week 15	
15	Mini Project Assignment	Week 16	

### Assessment Plan for the Course

Lab Test	- 35%
Project	- 35%
Assignment	- 30%