

Week s	Topics	F2F	Assessment
1	Topic 1: Introduction to the Internet History of the Internet Uses of the Internet WWW and other Internet Application Intranet Application		
2	Topic 2: Introduction to HTML Overview Effective HTML Page Elements, Attributes, Character References & Comments Lengths, Dates & Times		Lab Assignment 1 (HTML)
3-4	3. HTML Structure I HTML Version Information The Document Head & Body HTML Structure Bodies HTML Structure: Text HTML Structure: List HTML Structure: Table		Lab Assignment 2 (HTML + CSS)
5	4. HTML Structure II <ul style="list-style-type: none"> • Links, Objects & Images • Alignment & Font Style • Forms 		
6	Topic 5. Introduction to Client-Side Scripting <ul style="list-style-type: none"> • Variable & Syntax • Logical structures • Looping • User-defined Functions 		Lab Assignment 3 (HTML + JavaScript)

	<ul style="list-style-type: none"> Working with Web Pages Properties 		
7	Topic 6. Advanced JavaScript Features <ul style="list-style-type: none"> Functions String Handling Built-in Objects and Methods Arrays Form Handling Using innerHTML 		
	Written Test (Week 7)		
8-10	Topic 7. Introduction To Server-Side Scripting (PHP) <ul style="list-style-type: none"> Server-Side Scripting (Decision structure, Iteration control structure, User-defined function) Server-Side Scripting (Testing and configuration, Redirecting and formatting) Server-Side Scripting (Array, Multidimensional Array) 		Group Project (HTML + PHP + MySQL) Lab Assignment 4 (PHP + MySQL)
11-13	Topic 8. Working with Data in PHP <ul style="list-style-type: none"> Basic MySQL RDBMS MySQL with PHP Execute queries Session and Cookies 		
13	Project presentation		
14	Written Test (Week 14)		

Continuous 100.00%

Assessment: Assignments - 40% out of 100 on Week 4-10. Passing Mark(s): 50

Written (Lab) Assignments, CLO: 1, 2

Group Project - 30% out of 50 on Week 12. Passing Mark(s): 25

1 Group Project and Presentation, CLO: 3

Test - 30% out of 50 on Week 13. Passing Mark(s): 25

2 Written Test, CLO: 2

Recommended Text

1. Mike McGrath, HTML, CSS and JavaScript in Easy Steps, Special Edition, In Easy Steps Limited, 2020, ISBN:184078878X
 2. Julie C. Meloni, Jennifer Kyrnin, HTML, CSS, and JavaScript All in One: Covering HTML5, CSS3, and ES6, SamsTeach Yourself, 3rd Edition, Pearson Education (US), 2019, ISBN: 0672338084
 3. Robin Nixon, Learning PHP, MySQL and JavaScript, New Edition, O'Reilly Media, Inc, USA, 2021, ISBN: 1492093823
 4. Richard Blum, PHP, MySQL, & JavaScript All-in-One For Dummies, John Wiley & Sons, 2018, ISBN: 1119468388
- Larry Ullman, PHP and MySQL for Dynamic Web Sites, 5th Edition, Pearson Press Publications, 2017, ISBN:0134301846