



Web Development

Day 1: Introduction

Course description:

This course provides the general knowledge of the HTML language, JavaScript, CSS, jQuery, how to program dynamic website (client-side), handle several common tools for designing website.

The knowledge provided allows student to create a basic website and it is the fundamental step to continue with the course Web Programming.

Furthermore, students can acquire the skills necessary for the Project course, final thesis, and real-world application in industry.

Course material:

- ❑ **Philippe Hong, Practical Web Design, Packt Publishing, 2018. [NK100000004693].**
- ❑ **Andy Harris, HTML5 and CSS3 All-in-One for Dummies®, John Wiley & Sons, Inc, 2014.**
- ❑ **Jonathan ChafferKarl Swedberg, Learning jQuery, Packt Publishing, 2013.**

Download at:

<https://drive.google.com/drive/folders/1gEUOXFZZBR5TvvfpO7raG4OpZErSlyLq?usp=sharing>

6. Course assessment

Components	Assessment	Timing	Course learning outcomes (CLO)	Rate (%)
(1)	(2)	(3)	(4)	
A1. Process Evaluation	Personal or group exercises: Register the host, deploy the application to the host	During the learning process	CLO3.1, CLO3.2 , CLO3.3 All activities online & offline and lab exercises	15%
	Total:			15%
A2. Midterm Examination	Check on the machine	End of course	CLO2.1, CLO2.2, CLO2.3, CLO2.4	35%
	Total: 01	35%	LAB exam	35%
A3. Final Examination	Final Examination Writing exam	End of course	CLO1.1, CLO1.2, CLO1.3, CLO1.4, CLO2.1, CLO2.2, CLO2.3, CLO2.4	50%
	Total: 01	50%		50%
Total:				100%

a) Midterm rubric (50%)

Teamwork / Individual assignment (15%)

Criteria	CLO	Weight	Excellent	Good	Fair	Poor
Register a host, deploy web applications to the host, administer the host.	1.1 1.3 3.1 3.2 3.3	30%	8.5 – 10 Register a host, deploy web applications to the host, administering the host ...	7 – 8 Register a host, upload and update exercises onto the host, the interface is at good level.	5 – 6.5 Register a host, upload and update exercises onto the host, the interface is at basic level	<5 Do not meet the average requirement
Exercises with guidelines.	1.2 1.4 2.1 2.2 2.3	70%	The exercises are done $\geq 85\%$.	The exercises are done 70% - <85%	The exercises are done 50% - <65%	Do not meet the average requirement
Total		100%				

Assessment of practicing on computer (35%)

Criteria	CLO	Weight	Excellent	Good	Fair	Poor
Level of completion of the test	1.4 2.1 2.2 2.3	100%	8.5 – 10 User Interface (HTML, CSS) and functional processing (JavaScript / jQuery) are done $\geq 85\%$ of the requirements of the exam	7 – 8 User Interface (HTML, CSS) and functional processing (JavaScript / jQuery) are done from 70% to 85% of the requirements of the exam	5 – 6.5 User Interface (HTML, CSS) and functional processing (JavaScript / jQuery) are done from 50% to 65% of the requirements of the exam	<5 Do not meet the average requirement

b) Final term rubric (50%)

Criteria	CLO	Weight	Excellent	Good	Fair	Poor
Multiple-Choice Test (20 questions)		50% (5 Points)	Scoring			
	1.1	5%		0.5	0.25	0
	1.4	30%	3	2-2.5	1.5	<1.5
	2.2	15%	1.5	1.25	0.75 - 1	<0.75
Writing (2 questions)		50% (5 Points)	Scoring / Criteria			
CSS	2.3 3.3	25%	2.25 - 2.5 Optimize selector and use of the advanced properties	1.75 - 2.0 Correct use of selectors and attributes	1.25 -1.5 Use the correct selector or attribute	<1.25
Javascript + jQuery	1.4	25%	2.25 – 2.5 Optimize code	1.75 - 2.0 Set up events and handle basic functionality	1.25 -1.5 Handle basic functions	<1.25
Total		100%				

Teaching plan start from 4&5 Oct, 2022

WEEK 1: Course Introduction + Chapter 1: Overview of Internet and Web Technology

WEEK 2: Chapter 2: Overview of HTML

WEEK 5: Chapter 4. JavaScript language

WEEK 3: Chapter 3: CSS

WEEK 6: jQuery

WEEK 4: Chapter 3: CSS (cont.)

WEEK 7: jQuery (cont.)

LAB practices, start from 11&12 Oct, 2022

WEEK 1: Chapter 1: - Register free host - Using software Notepad++ (or Sublime Text) to create a simple web page, upload new web page to hosting
Chapter 2: - Do the exercises for the HTML part

WEEK 2: Chapter 2: - Do the exercises for the HTML part (cont.)

WEEK 5: Chapter 4: - Do the exercises for the Javascript part

WEEK 3: Chapter 3: - Do the exercises for the CSS part

WEEK 6: Chapter 5: - Do the exercises for the jQuery

WEEK 4: Chapter 3: - Do the exercises for the CSS part (cont.)

WEEK 7: Review, create a complete website (html, css, javascript and jQuery)

About the lecturer

Female, Married with 2 kids, located in SaiGon, Vietnam

Experienced an dynamic and enthusiastic student-life abroad

Travelled to USA, Europe and some places in Asia (including Middle East)

Love Deadlines and Crazy Happy for them!!!

WELCOME ON BOARD, my students!

