

Hong Kong Community College

SEHH1016 Introduction to Internet Technology Semester Two 2021/22

Tentative Teaching Plan

Subject Leader

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Objectives

This subject aims to introduce the basic concepts and essential knowledge of the applications and technology of the Internet and World Wide Web. It provides a conceptual framework to understand the operation of the Internet and to understand how computers connect and communicate with each other. This subject also helps to develop students' analytical ability in network technology.

Subject Intended Learning Outcomes

Upon completion of the subject, students will be able to:

- recognise the basic concepts and applications of the Internet and World Wide Web;
- apply relevant Internet knowledge to enhance their problem solving skills of other networking situations;
- relate current Internet Technology necessary for daily life application.

Respective Scheme/ Programme Intended Learning Outcomes

Please refer to your scheme/programme requirement document for the Scheme/Programme Intended Learning Outcomes.

Teaching and Learning Approach

Please refer to the Subject Description Form.

Weekly Teaching Pattern

2 hours of lecture

1 hour of tutorial

Tentative Teaching Schedule

Lecture			Tutorial		
No	Content	Remarks	No	Content	Remarks
1	Into the Internet: Using the Internet, History of the Internet, FTP, Telnet	Ch 1 *	1	Into the Internet	Tut 1 #
2	Into the Internet: Connecting to the Internet, ISP, OSI Model	Ch 1 *	2	HTML	Tut 2 #
3	Browsing the Web: Web Sites, Web Servers, IP Addresses, DNS, Subnetting	Ch 2 *; Release of Individual Assignment 1 Guidelines	3	More on HTML	Tut 3 #
4	Browsing the Web: Browsers, Web Feed, Risks and Safeguards	Ch 2 *	4	Further More on HTML	Tut 4 #
5	Searching the Web: Search Tools, Directory Server, LDAP	Ch 3 *	5	HTML Form	Tut 5 #
6	Communicating Online: E-mail, SMTP, POP, IMAP, Social Media	Ch 4 *; Release of Group Project	6	HTML Practice	In-class Individual Assignment 1 Due
7	Test Revision	Ch 1 * to Ch 4 *	7	Web Server Setup	Tut 6 #
8	Internet: Portals, Research Tools	Ch 5 *	8	PHP	Tut 7 #
9	Internet: File-sharing Sites, Scripting, CGI	Ch 5 *; Release of Individual Assignment 2 Guidelines	9	More on PHP	Tut 8 #
10	Internet Technologies: Networking Basics, 2-Tier and 3-Tier Models	Ch 6 *; Group Project Due	10	Further More on PHP	Tut 9 #
11	Internet Technologies: Internet Infrastructure, TCP/IP, UDP, Security	Ch 6 *	11	CSS	Tut 10 #
12	E-Business: EDI, Models	Ch 7 *	12	PHP Practice	In-class Individual Assignment 2 Due
13	E-Business: Online Stores	Ch 7 *	13	Revision	

This schedule is subject to change

** Chapters on the textbook*

Notes for tutorial

Assessment Weighting

Continuous Assessment:	50%
Examination:	50%
	<hr/> 100%

Assessment Methods for Continuous Assessment

<u>Continuous Assessment</u>	<u>Percentage</u>	<u>Brief Description</u>
Test	40%	Test on Using the Internet, History of the Internet, FTP, Telnet, Connecting to the Internet, ISP, OSI Model, Web Sites, Web Servers, IP Addresses, DNS, Subnetting, Browsers, Web Feed, Risks and Safeguards, Search Tools, Directory Server, LDAP, E-mail, SMTP, POP, IMAP, Social Media
Individual Assignment 1	14%	HTML
Group Project	30%	Project on creating webpage(s) using HTML
Individual Assignment 2	16%	PHP
	<hr/> 100%	

Attendance and Other Rules/ Regulations

The attendance requirement and all other rules and regulations in the CPCE Student Handbook and in the respective Scheme/ Programme Requirement Document apply. Kindly refer to these documents for details. For the attendance requirement, please note that sick leave and approved leave of absence shall be counted as absence in the calculation of attendance. However, sick leave and approved leave of absence may be taken into consideration in cases of insufficient attendance.

Lecture/ Tutorial Notes and Assignments

Students are required to download lecture/ tutorial notes and assignments from the e-Learning platform.

Textbook and References

References:

Campbell, J. T. (2015). *Discovering the Internet: Complete*, 5th Edition, Cengage Learning.

Deitel, P, Deitel, H. and Deitel, A. (2012). *Internet and World Wide Web: How to Program*, 5th Edition, Pearson Prentice Hall.

Shelly, G. B., Woods, D. M. and Dorin, W. J. (2011). *HTML, XHTML, and CSS: Comprehensive*, International Edition, 6th Edition, Course Technology/Cengage Learning.

West, J., Dean, T., Andrews, J. (2016). *Network+ Guide to Networks*, 7th Edition, Cengage Learning.

Schneider, G. P. and Evans, J. (2013). *New Perspectives on the Internet: Comprehensive*, 9th Edition, Cengage Learning.

Plagiarism

You are strongly advised to pay attention to the rules and guidance notes regarding plagiarism, how sources should be referred to, and bibliography referencing as stipulated in the Student Handbook.

The College may take disciplinary actions against students when there is evidence of collusion between individuals. The work of others which is included in the assignment must be attributed to its source (a full bibliography and a list of references must be submitted). Failure to observe such requirements may lead to serious consequences for your study in this subject and your registration at the College. Please refer to the Section “Penalties for Offences” in the Student Handbook for details.

You are also strongly advised to review the hot tips about plagiarism and how to avoid it with reference to the following document:
http://www.polyu.edu.hk/ogur/academic_integrity/Plagiarism_Booklet.pdf.