

Course Syllabus

1. Program of Study	Bachelor of Science Program Bachelor of Arts Program Bachelor of Business Administration Program Bachelor of Nursing Science Program
Faculty/Institute/College	Mahidol University International College
2. Course Code	ICNS 142
Course Title	Internet Technology
3. Number of Credits	4 (3-2-7) (Lecture-Lab/Self-Study)
4. Prerequisite (s)	none
5. Type of Course	General Education Course
6. Session	1 st and 3 rd trimesters
7. Conditions	-

8. Course Description

Application of Internet as an information tool, designing their own web site and web page; selection of Internet service provider; connecting different types of Internet, advance search techniques, HTML, cascading style sheets, and JavaScript.

9. Course Objective (s)

After successful completion of this course, students should be able to

- 9.1 learn about Internet standards and technology and then use this technology within an organization.
- 9.2 learn how different web sites have a different purpose and different design. Thoroughly learn HTML through hands-on training.
- 9.3 learn how to make dynamic web pages through the use of scripting.

10. Course Outline

Week	Topic	Hour			Instructor
		Lecture	Lab	Hour	
1	Introduction to HTML Internet	3	2	7	Brian Phillips
2	HTML color and links Hardware and Software HTML Tables	3	3	7	
3	Essentials of Telecommunication HTML Tables	3	2	7	
4	Web Software HTML Frames	3	2	7	
5	Establishing a Web Site Photos and Forms	3	2	7	
6	XML Internet Search Tools/CSS	3	2	7	
7	Mid-term Cascading Style Sheet Web Structure	3	2	7	
8	Cascading Style Sheet Web Page Design	3	2	7	
9	Cascading Style Sheet Web Page Design	3	2	7	
10	Cascading Style Sheet Security	3	2	7	
11	Present Project	3	2	7	
	Total	33	22	77	
Final examination					

11. Teaching Method (s)

- 11.1 Lecture
- 11.2 Lab practice, and project.

12. Teaching Media

- 12.1 Powerpoint.
- 12.2 Assigned books
- 12.3 Handouts

13. Measurement and evaluation of student achievement

Student achievement is measured and evaluated by

- 13.1 the ability to learn about Internet standards and technology and then use this technology within an organization.
- 13.2 the ability to learn how different web sites have a different purpose and different design. Thoroughly learn HTML through hands-on training.
- 13.3 the ability to learn how to make dynamic web pages through the use of scripting.

Student's achievement will be graded according to the faculty and university standard using the symbols: A, B+, B, C+,C,D+, D, and F.

Students must have attended at least 80% of the total class hours of this course.

MUIC standard grading criteria: 90% and above is grade A

Ratio of mark

1. Lab work	5%
2. Case Studies & Quizzes	10%
3. Project	20%
4. Presentation	5%
5. Mid-term	30%
6. Final	30%
Total	100%

Display spreadsheet in class that shows record of attendance, as well as current grade status on quizzes, projects, and exams. A is 100 to 90; B+: 95-90; B: 84-80; C+: 79-75; C: 74-70; D+: 69-65; D: 64-60; F: 59-0.

14. Course evaluation

- 14.1 Students' achievement as indicated in number 13 above.
- 14.2 Students' satisfaction toward teaching and learning of the course using questionnaires.

15. Reference (s)

1. Afergan, Michael. **Web Programming Desktop Reference**. Group Que, 1996.
2. "Cascading Style Sheets-Level I". **W3C Recommendations**. Revised January 11, 1999.
3. Graham, Ian. **HTML 4.0 Sourcebook**. John Wiley & Sons. 1998. **HTML 3.2: Quick Reference**, 2nd ed., 1997.
4. Oz, Effy. **Foundations of E-Commerce**. Prentice Hall, 2002.
Numerous Web site examples

16. Instructor (s)

Brian J. Phillips

17. Course Coordinator

Brian J. Phillips