

Tamkang University Academic Year 108, 2nd Semester Course Syllabus

Course Title	INTERNET TECHNOLOGY	Instructor	MENG-SHIUAN PAN
Course Class	TEIBM1A MASTER'S PROGRAM, DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH- TAUGHT PROGRAM), 1A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Departmental Aim of Education			
I. Cultivate the ability to conduct independent research and problem solving. II. Strengthen creativity and research capacity. III. Build profound professional knowledge in computer science and information engineering. IV. Engage in self-directed lifelong learning.			
Subject Departmental core competences			
B. Independent innovative thinking ability.(ratio:50.00) D. Research & development (R&D) ability in information engineering.(ratio:50.00)			
Subject Schoolwide essential virtues			
2. Information literacy. (ratio:100.00)			
Course Introduction	This course aims to let students to develop and understand the Internet and WWW.		

The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.

II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.

III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	Understand the protocols and standards	Cognitive
2	Know the up-to-date WWW technologies.	Cognitive
3	Know how to develop a website and dynamic web pages.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	BD	2	Lecture	Discussion(including classroom and online)
2	BD	2	Lecture	Discussion(including classroom and online)
3	BD	2	Lecture	Study Assignments

Course Schedule

Week	Date	Course Contents	Note
1	109/03/02 ~ 109/03/08	Describe the evolution of the Internet	
2	109/03/09 ~ 109/03/15	Understand the protocols and standards used throughout the Internet	
3	109/03/16 ~ 109/03/22	Linux/MySQL server installation and operations	
4	109/03/23 ~ 109/03/29	HTML 5 design and coding	
5	109/03/30 ~ 109/04/05	HTML 5 design and coding	
6	109/04/06 ~ 109/04/12	HTML 5 design and coding	
7	109/04/13 ~ 109/04/19	AINA international conference (in Taipei campus)	
8	109/04/20 ~ 109/04/26	CSS design and coding	
9	109/04/27 ~ 109/05/03	JavaScript design and coding	

10	109/05/04 ~ 109/05/10	JavaScript design and coding	
11	109/05/11 ~ 109/05/17	JavaScript design and coding	
12	109/05/18 ~ 109/05/24	JavaScript design and coding	
13	109/05/25 ~ 109/05/31	PHP design and coding	
14	109/06/01 ~ 109/06/07	PHP design and coding	
15	109/06/08 ~ 109/06/14	PHP design and coding	
16	109/06/15 ~ 109/06/21	PHP design and coding	
17	109/06/22 ~ 109/06/28	Project demonstration and presentation	
18	109/06/29 ~ 109/07/05	Supplementary teaching: Project demonstration and presentation	
Requirement			
Teaching Facility	Computer		
Textbooks and Teaching Materials	W3School webpages		
References			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 40.0 % ◆ Mark of Usual : % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other 〈Final project〉 : 60.0 %		
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.		