Tamkang University Academic Year 109, 1st Semester Course Syllabus

Course Title	MOBILE DEVICE PROGRAMMING	Instructor	HSUAN-PU CHANG
Course Class	TABXB3P DEPARTMENT OF INFORMATION AND LIBRARY SCIENCE, 3P	Details	◆ Blended Course ◆ Selective ◆ One Semester ◆ 2 Credits

Departmental Aim of Education

Our mission is to educate and train library and information professionals.

Subject Departmental core competences

C. To understand concepts relating to information technology and systems, and be able to put them in use.(ratio:100.00)

Subject Schoolwide essential virtues

2. Information literacy. (ratio:50.00)

5. Independent thinking. (ratio:50.00)

Course Introduction	This class will guide students to use the tools and resources of programming on mobile devices. Prior knowledge about HTML, CSS, and JavaScript is required.

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	Understanding how to develop a program on mobile devices	Cognitive
2	Understanding the features of a program on mobile devices	Psychomotor

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	C	25	Lecture, Discussion, Publication, Practicum	Study Assignments, Discussion(including classroom and online), Practicum
2	C	25	Lecture, Publication, Practicum	Study Assignments, Practicum

Course Schedule

Note for Blended Course : When utilizing weekly digital instruction, please fill in "Online Asynchronous Instruction".

Week	Date	Course Contents	Note
1	109/09/14 ~ 109/09/20	Introduction	
2	109/09/21 ~ 109/09/27	javaScript introduction(1)	
3	109/09/28 ~ 109/10/04	HTML、CSS review (1)	Online Asynchronous Instruction
4	109/10/05 ~ 109/10/11	HTML、CSS review (2)	Online Asynchronous Instruction
5	109/10/12 ~ 109/10/18	Make a interactive Web app with javaScript(1)	
6	109/10/19 ~ 109/10/25	Make a interactive Web app with javaScript(2)	
7	109/10/26 ~ 109/11/01	Midterm evaluation preparation	
8	109/11/02 ~ 109/11/08	Peer review(1)	
9	109/11/09 ~ 109/11/15	Peer review(2)	Online Asynchronous Instruction

10	109/11/16 ~ 109/11/22	Midterm Exam Week	
11	109/11/23 ~ 109/11/29	Jquery Mobile (1)	
12	109/11/30 ~ 109/12/06	Jquery Mobile (2)	
13	109/12/07 ~ 109/12/13	Using PhoneGap to create a native APP	
14	109/12/14 ~ 109/12/20	Creating your APP with jQuery (1)	
15	109/12/21 ~ 109/12/27	Creating your APP with jQuery (2)	
16	109/12/28 ~ 110/01/03	Final work peer review (1)	
17	110/01/04 ~ 110/01/10	Final work peer review (2)	Online Asynchronous Instruction
18	110/01/11 ~ 110/01/17	Final Exam Week	

Requirement	Prior knowledge about HTML, CSS, and JavaScript is required.
Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	課程正式開始後公佈
References	課程正式開始後公佈
Number of Assignment(s)	**5**　(Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 20.0 ％　◆ Mark of Usual：30.0 ％　◆ Midterm Exam： 20.0 ％ ◆ Final Exam： 30.0 ％ ◆ Other〈　〉：　　％

Note	1. This syllabus may be uploaded at the website of the Course Syllabus Management System at https://info.ais.tku.edu.tw/csp or through the link of the Course Syllabus Upload posted on the home page of the TKU Office of Academic Affairs http://www.acad.tku.edu.tw/CS/main.php
	2. According to the Implementation regulations of distance education for junior college and above are prescribed pursuant to Article 2, "The distance learning course referred to in these Measures refers to more than one-half of the teaching hours in each subject."
	3. According to the regulations of Tamkang University Enforcement Rules for digital teaching, Paragraph 2 and Article 3, the distance learning course of our school must be "The course of digital teaching with distance learning platform or synchronous video system in our school. Teaching Hours include course lectures, teacher-student interaction discussions, quizzes and other learning activities."
	4. If there are any temporary course changes (including time changes and classroom changes of distance learning courses, blended courses), please make out an application according to regulations to the Office of Academic Affairs.
	※ **Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.**