Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTERS	Instructor	CHI-BIN CHENG
Course Class	TLWXB1A BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 1A	Details	◆ Blended Course ◆ Required ◆ 2nd Semester ◆ 2 Credits
Relevance to SDGs	SDG4 Quality education		

Departmental Aim of Education

Ⅰ. Acquisition of professional knowledge.

Ⅱ. Learning effective self-planning.

Ⅲ. Theoretical application of practical matters.

Ⅳ. Interpersonal communication and teamwork.

Ⅴ. Analysis of problems and recommendations.

Ⅵ. Awareness of Ethics as a global citizen.

Subject Departmental core competences

C. Students can demonstrate that they have capability in using information technology.
(ratio:100.00)

Subject Schoolwide essential virtues

2. Information literacy. (ratio:100.00)

Course Introduction	This course is designed for freshmen to learn basic computer knowledge. Computer programming language Python is particularly emphasized in this semester. The goals of the course are to cultivate students with knowledge and skills for further investigating and learning in advanced computer techniques, and are able to apply these knowledge and skills in their daily work and life.

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	Conforming the professional features of each colleges and departments	Cognitive
2	Development of information literacy	Cognitive
3	Establishing the concepts of information ethics	Cognitive
4	Development of the computer skills	Psychomotor
5	Enable students with the capabilities to adapt to the challenges form the growing information technologies impact	Psychomotor

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	C	2	Lecture, Practicum, Imitation	Testing, Study Assignments, Practicum
2	C	2	Lecture, Practicum, Imitation	Testing, Study Assignments, Practicum
3	C	2	Lecture, Practicum, Imitation	Testing, Study Assignments, Practicum
4	C	2	Lecture, Practicum, Imitation	Testing, Study Assignments, Practicum
5	C	2	Lecture, Practicum, Imitation	Testing, 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	110/02/22 ~ 110/02/28	(1) Introduction to computer programming, (2)Installation of Python and its development environment	
2	110/03/01 ~ 110/03/07	Data types and print functions	

3	110/03/08 ~ 110/03/14	Data operations and built-in functions	
4	110/03/15 ~ 110/03/21	Introduction to Internet	Online Asynchronous Instruction
5	110/03/22 ~ 110/03/28	Expression in Python	
6	110/03/29 ~ 110/04/04	No class	
7	110/04/05 ~ 110/04/11	Flow control: if-else statement	
8	110/04/12 ~ 110/04/18	Introduction to e-Commerce	Online Asynchronous Instruction
9	110/04/19 ~ 110/04/25	Programming skill test	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	Self-defined functions	
12	110/05/10 ~ 110/05/16	Data import and export	
13	110/05/17 ~ 110/05/23	Introduction to e-Business	Online Asynchronous Instruction
14	110/05/24 ~ 110/05/30	Data visualization	
15	110/05/31 ~ 110/06/06	Data analysis by Python	
16	110/06/07 ~ 110/06/13	Information systems	Online Asynchronous Instruction
17	110/06/14 ~ 110/06/20	Programming skill test	
18	110/06/21 ~ 110/06/27	Final Exam Week	

Requirement	
Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	Digital Planet: Tomorrow's Technology and You, Beekman and Beekman, 10th ed., Pearson
References	

Number of Assignment(s)	**10** (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 5.0 % ◆ Mark of Usual：30.0 % (Information Proficiency Test Included) ◆ Midterm Exam： % ◆ Final Exam： 20.0 % ◆ Other〈Compute skills exams〉：45.0 %
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.**