Tamkang University Academic Year 109, 1st Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTERS	Instructor	YIN LIANG
Course Class	TLFBB1A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 1A	Details	◆ General Course ◆ Required ◆ 1st Semester

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 students to learn basic computer knowledge. There are new technologies emerging continuously, also new definitions and concepts need to be understood. Popular computer programming languages will be introduced briefly, especially Python. The goal of this course is to cultivate students with knowledge and skills for further investigating and learning in advanced computer techniques. This course will help students apply practical IT knowledge and skills in their daily 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, Discussion	Study Assignments, Discussion(including classroom and online)
2	C	2	Lecture, Practicum	Report(including oral and written)
3	C	2	Lecture, Discussion	Study Assignments, Discussion(including classroom and online)
4	C	2	Lecture, Experience	Testing, Study Assignments
5	C	2	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	109/09/14 ~ 109/09/20	How would you describe the future of information technologies?	
2	109/09/21 ~ 109/09/27	Computers and our daily lives - AI, robots, information overload, etc.	

3	109/09/28 ~ 109/10/04	Public holiday, no class.	
4	109/10/05 ~ 109/10/11	Data presentation and forms	
5	109/10/12 ~ 109/10/18	Language encodings	
6	109/10/19 ~ 109/10/25	Hardware and mainframes	
7	109/10/26 ~ 109/11/01	Input/output and storage devices	
8	109/11/02 ~ 109/11/08	The OS	
9	109/11/09 ~ 109/11/15	Tools software	
10	109/11/16 ~ 109/11/22	Midterm Exam Week	
11	109/11/23 ~ 109/11/29	Software licensing	
12	109/11/30 ~ 109/12/06	How is software developed	
13	109/12/07 ~ 109/12/13	Multimedia and games	
14	109/12/14 ~ 109/12/20	Networking	
15	109/12/21 ~ 109/12/27	The WWW	
16	109/12/28 ~ 110/01/03	The IoT	
17	110/01/04 ~ 110/01/10	E-business and AI	
18	110/01/11 ~ 110/01/17	Final Exam Week	

Requirement	
Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	Introduction to computers: towards the future by TKU Faculty of Business and Management
References	
Number of Assignment(s)	2 (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 5.0 % ◆ Mark of Usual： % (Information Proficiency Test Included) ◆ Midterm Exam： 40.0 % ◆ Final Exam： 45.0 % ◆ Other〈Assignments〉：10.0 %

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 .
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