

Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTERS	Instructor	TRAN, HUU KHOA
Course Class	TLFBB1A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 1A	Details	♦ General Course ♦ Required ♦ 1st Semester
Relevance to SDGs	SDG4 Quality education SDG9 Industry, Innovation, and Infrastructure		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
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			
A. Students can demonstrate that they have program basic knowledge of business and management.(ratio:10.00) B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:10.00) C. Students can demonstrate that they have capability in using information technology. (ratio:70.00) D. Students can demonstrate that they are critical thinkers.(ratio:10.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:30.00) 3. A vision for the future. (ratio:5.00) 4. Moral integrity. (ratio:15.00) 5. Independent thinking. (ratio:25.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00)			

7. A spirit of teamwork and dedication. (ratio:5.00)

8. A sense of aesthetic appreciation. (ratio:5.00)

**Course
Introduction**

This course is designed for freshmen to learn basic computer knowledge, including computer architecture and peripheral, communications and networks, Internet and WWW, cloud computing, multimedia formats, office software (word processors, spreadsheet, and presentation tools), and programming languages, etc. Issues of e-commerce and information security are also covered. 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	Establishing the concepts of information ethics	Cognitive
3	Development of the computer skills	Psychomotor
4	Enable students with the capabilities to adapt to the challenges form the growing information technologies impact	Psychomotor
5	Development of information literacy	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCD	23	Lecture, Discussion, Practicum	Testing, Study Assignments, Discussion(including classroom and online), Report(including oral and written)

2	BD	24	Lecture, Practicum	Testing, Study Assignments, Report(including oral and written)
3	BC	57	Lecture, Practicum	Testing, Study Assignments, Report(including oral and written)
4	BC	3568	Lecture, Practicum	Testing, Study Assignments, Report(including oral and written)
5	AB	12	Lecture, Discussion	Study Assignments, Practicum, Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	112/09/11 ~ 112/09/17	Course orientation	
2	112/09/18 ~ 112/09/24	Information Technology, the Internet and you	
3	112/09/25 ~ 112/10/01	Basic application software	Online Asynchronous Instruction
4	112/10/02 ~ 112/10/08	System software	Online Asynchronous Instruction
5	112/10/09 ~ 112/10/15	System Unit	Online Asynchronous Instruction
6	112/10/16 ~ 112/10/22	Input/Output	Online Asynchronous Instruction
7	112/10/23 ~ 112/10/29	Secondary storage	
8	112/10/30 ~ 112/11/05	Communication and Networks	
9	112/11/06 ~ 112/11/12	Midterm Exam Week	
10	112/11/13 ~ 112/11/19	Databases	
11	112/11/20 ~ 112/11/26	System Analysis and Design	Online Asynchronous Instruction
12	112/11/27 ~ 112/12/03	Programming and Language	Online Asynchronous Instruction
13	112/12/04 ~ 112/12/10	Multimedia	Online Asynchronous Instruction
14	112/12/11 ~ 112/12/17	Final Presentation	Online Asynchronous Instruction
15	112/12/18 ~ 112/12/24	Final Presentation	Online Asynchronous Instruction

16	112/12/25 ~ 112/12/31	Final Presentation	
17	113/01/01 ~ 113/01/07	Final Exam Week	
18	113/01/08 ~ 113/01/14	Flex week, learning activities should be arranged.	
Key capabilities	self-directed learning Information Technology Interdisciplinary		
Interdisciplinary	STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)		
Distinctive teaching	Industry-university collaboration courses Computer knowledge		
Course Content	Gender Equality Education		
Requirement			
Textbooks and Teaching Materials	Self-made teaching materials:Handouts Using teaching materials from other writers:Handouts		
References	Digital Planet: Tomorrow's Technology and You, Beekman and Beekman, 11th ed., Pearson		
Grading Policy	◆ Attendance : 10.0 % ◆ Mark of Usual : 30.0 % (Information Proficiency Test Included) ◆ Midterm Exam : 30.0 % ◆ Final Exam : % ◆ Other 〈Final presentation〉 : 30.0 %		
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.		