Tamkang University Academic Year 106, 2nd Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTERS	Instructor	LIOU, AY-HWA ANDY
Course Class	TLFBB1A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 1A	Details	◆ Required ◆ 2nd Semester ◆ 2 Credits

Academic Aim of Education

Ⅰ. Development of information literacy.

Ⅱ. Development of computer skills.

Ⅲ. Building up information ethics.

Ⅳ. Training of independent thinking.

Schoolwide essential virtues

A. A global perspective.

B. Information literacy.

C. A vision for the future.

D. Moral integrity.

E. Independent thinking.

F. A cheerful attitude and healthy lifestyle.

G. A spirit of teamwork and dedication.

H. A sense of aesthetic appreciation.

Course Introduction	The course is designed for freshmen, not only to enhance their computer knowledge, including programming, network management, network communications, multimedia, video graphics and others, but also to improve their abilities for obtaining desired information from Internet. At the same time, related topics, like e-commerce, computer virus and information security, are introduced such that students can have enough skills for further investigating and learning more advanced techniques or applications. Students can apply those abilities and skills to their daily life as well as at work.

The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues

I.Objective Levels (select applicable ones) :

(i) Cognitive Domain : C1-Remembering, C2-Understanding, C3-Applying, C4-Analyzing, C5-Evaluating, C6-Creating

(ii) Psychomotor Domain : P1-Imitation, P2-Mechanism, P3-Independent Operation, P4-Linked Operation, P5-Automation, P6-Origination

(iii) Affective Domain : A1-Receiving, A2-Responding, A3-Valuing, A4-Organizing, A5-Charaterizing, A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues :

(i) Determine the objective level(s) in any one of the three learning domains (cognitive, psychomotor, and affective) corresponding to the teaching objective. Each objective should correspond to the objective level(s) of ONLY ONE of the three domains.

(ii) If more than one objective levels are applicable for each learning domain, select the highest one only. (For example, if the objective levels for Cognitive Domain include C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to Psychomotor Domain and Affective Domain.)

(iii) Determine the Schoolwide essential virtues that correspond to each teaching objective. Each objective may correspond to one or more Schoolwide essential virtues at a time. (For example, if one objective corresponds to three Schoolwide essential virtues: A,AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Schoolwide essential virtues
1	1. Development of information literacy.	C5	B
2	2. Development of computer skills	C3	B
3	3. Building up information ethics	A5	D
4	4. Training of independent thinking.	C4	E
5	5.Development of teamwork and dedication	P4	E

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	1. Development of information literacy.	Lecture, Discussion	Written test, Report, Participation
2	2. Development of computer skills	Lecture, Discussion	Written test, Report, Participation
3	3. Building up information ethics	Lecture, Discussion	Written test, Report
4	4. Training of independent thinking.	Lecture, Discussion	Written test, Participation
5	5.Development of teamwork and dedication	Lecture, Discussion	Written test, Report

Course Schedule

Week	Date	Subject/Topics	Note
1	107/02/26～107/03/04	Secondary Storage	Chapter 7

2	107/03/05 ~ 107/03/11	Secondary Storage	Chapter. 7
3	107/03/12 ~ 107/03/18	Scratch Programming	
4	107/03/19 ~ 107/03/25	Communications and Networks	Chapter 8
5	107/03/26 ~ 107/04/01	Communications and Networks	Chapter 8
6	107/04/02 ~ 107/04/08	Privacy, Security, and Ethics	Chapter 9
7	107/04/09 ~ 107/04/15	Privacy, Security, and Ethics	Chapter 9
8	107/04/16 ~ 107/04/22	Databases	Chapter 11
9	107/04/23 ~ 107/04/29	Databases	Chapter 11
10	107/04/30 ~ 107/05/06	Midterm Exam Week	
11	107/05/07 ~ 107/05/13	Scratch Programming	
12	107/05/14 ~ 107/05/20	Artificial Intelligence	Supplimentary
13	107/05/21 ~ 107/05/27	Artificial Intelligence	Supplimentary
14	107/05/28 ~ 107/06/03	System Analysis and Design	Chapter 12
15	107/06/04 ~ 107/06/10	System Analysis and Design	Chapter 12
16	107/06/11 ~ 107/06/17	Future Trend and Application of Information Technology	Supplimentary
17	107/06/18 ~ 107/06/24	Future Trend and Application of Information Technology	Supplimentary
18	107/06/25 ~ 107/07/01	Final Exam Week	

Requirement	Mark of usual includes: Scratch score from TA 10% Information proficiency test 10% Others include: Homework and Activities 15% Online Exam 10% Extra-credit quizzes will be given randomly Cannot accept late turn-in for homework or exam.
Teaching Facility	Computer, Projector
Textbook(s)	Computing Essentials 2017, Complete Edition, by Timothy J. O'Leary / Linda I. O'Leary/Daniel A. O'Leary, McGraw-Hill
Reference(s)	

Number of Assignment(s)	6 (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 5.0 % ◆ Mark of Usual：20.0 % (Information Proficiency Test Included) ◆ Midterm Exam： 25.0 % ◆ Final Exam： 25.0 % ◆ Other〈See below〉：25.0 %
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.**