

## Tamkang University Academic Year 111, 2nd Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTERS	Instructor	TRAN, HUU KHOA
Course Class	TLFBB1B DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 1B	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ 2nd Semester</li> </ul>
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> <li>I. Acquisition of professional knowledge.</li> <li>II. Learning effective self-planning.</li> <li>III. Theoretical application of practical matters.</li> <li>IV. Interpersonal communication and teamwork.</li> <li>V. Analysis of problems and recommendations.</li> <li>VI. Awareness of Ethics as a global citizen.</li> </ul>			
Subject Departmental core competences			
<ul style="list-style-type: none"> <li>A. Students can demonstrate that they have program basic knowledge of business and management.(ratio:10.00)</li> <li>B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:10.00)</li> <li>C. Students can demonstrate that they have capability in using information technology. (ratio:70.00)</li> <li>D. Students can demonstrate that they are critical thinkers.(ratio:10.00)</li> </ul>			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> <li>1. A global perspective. (ratio:10.00)</li> <li>2. Information literacy. (ratio:30.00)</li> <li>3. A vision for the future. (ratio:5.00)</li> <li>4. Moral integrity. (ratio:15.00)</li> <li>5. Independent thinking. (ratio:25.00)</li> <li>6. A cheerful attitude and healthy lifestyle. (ratio:5.00)</li> </ul>			

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

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

**Course Introduction**

The aim of this course is to introduce students the Python language in basic, and its application to Economic, Business and Finance aspects.

**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	Inspiring students 'interest in learning Information Technology (IT), and cultivating their basic core competence of IT so as to make it reality in daily lives.	Cognitive
2	Guiding students 'IT skills with diverse examples so that they can apply what they have learned in their live and work	Psychomotor
3	Keeping abreast of the developments and applications of information communication and technology.	Affective

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCD	12345678	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)

2	ABCD	12357	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)
3	ABCD	1345678	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)

### Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Introduction to Python programming language	
2	112/02/20 ~ 112/02/26	Python libraries	
3	112/02/27 ~ 112/03/05	Basic operation	
4	112/03/06 ~ 112/03/12	Numbers	
5	112/03/13 ~ 112/03/19	Lists	
6	112/03/20 ~ 112/03/26	Dictionary	
7	112/03/27 ~ 112/04/02	Functions	
8	112/04/03 ~ 112/04/09	Modules	
9	112/04/10 ~ 112/04/16	File I/O	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	Exception Handling	
12	112/05/01 ~ 112/05/07	Special topics	
13	112/05/08 ~ 112/05/14	Special topics	
14	112/05/15 ~ 112/05/21	Project Presentation	
15	112/05/22 ~ 112/05/28	Project Presentation	
16	112/05/29 ~ 112/06/04	Project Presentation	
17	112/06/05 ~ 112/06/11	Project Presentation	
18	112/06/12 ~ 112/06/18	Final Exam Week	

Requirement

Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	-Handouts Python Books
References	John Paul Mueller. (2018). Beginning Programming with Python for Dummies
Number of Assignment(s)	2 (Filled in by assignment instructor only)
Grading Policy	<ul style="list-style-type: none"> <li>◆ Attendance : 10.0 %    ◆ Mark of Usual : 10.0 % (Information Proficiency Test Included)</li> <li>◆ Midterm Exam : 20.0 %    ◆ Final Exam : %</li> <li>◆ Other &lt;Project Presentation&gt; : 60.0 %</li> </ul>
Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a>.</p> <p><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p>