Tamkang University Academic Year 2012, 2nd Semester Course Syllabus

Course Title	Literature and Resou Technology	urces of Scienc	e and	Instructor		Dr. Ling-Ling Lai	
Departm		Course Details					
-	nation and Library or year/Class A	■Required □Selective	□0 (One Semester) □1 (1st Semester) ■2 (2nd Semester) □3 (3rd Semester)		Credits		2
	Aim of Education	Core Competences					
Aim of Education Our mission is to educate and train library and information professionals.			 Core Competences (A) To understand concepts relating to library and information science and to grasp the relevant trends, (B) To acquire professional abilities to develop, organize, preserve and integrate all sorts of information resources, (C) To understand concepts relating to information technology and systems, and be able to put them in use, (D) To acquire communication and coordination skills required for the information services, (E) To acquire management skills required by all sorts of libraries and information organizations, (F) To acquire professional skills to manage electronic documents and archives, (G) To acquire integration ability of library services and traditional publishing, and (H) To acquire integration ability of library services and digital publishing. 				
Course Introduction (50 to 100 words)	 conference proceedings, dissertations, etc.) in science and technology from the previous semester, we are now focus on selected subjects in science and technology 						

The Relevance among Teaching Objectives, Objective Levels and Core Competences				
I. Objective Levels (select applicable ones				
(I) Cognitive Domain : C1 Remembering > C2 Understanding > C3 Applying > C4 Analyzing >				
C5 Evaluating > C6 Creating			1. D4	
(II) Psychomotor Domain : P1 Imitation	-	endent Ope	eration > P4	
Linked Operation > P5 Automatio	U	T . 11 Orga	nizing > A5	
(III) Affective Domain : A1 Receiving Charaterizing > A6 Implementing		s × A4 Orga	Inzing VA5	
		re Comnete	ences :	
 II. The Relevance among Teaching Objectives, Objective Levels and Core Competences : (I)Determine the objective level(s) in any one of the three learning domains (cognitive, psychomotor, and affective) corresponding to the teaching objectives. 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 core competences that correspond to each teaching objective. Each objective may correspond to one or more core competences at a time. (For example, if one objective 				
corresponds to three core competences: A, AD, and BEF, list all of the three in the box.)				
		Rel	evance	
Teaching objectives			Core Competences	
1 Understand how to use major reference tools in disciplines of science and technology.			A6	
2 Become familiar with the trends and up	in I	C6		
science and technology.				
3 Gain understanding of trends in scien	ons III	A6		
surrounding access to information in science.				
4 Understand how professionals in different fields of science and technology			C6	
work and research.				
5				
6				
7				
8				
Teaching Objectives, Teaching Methods and Assessment				
Teaching Objectives Teaching Methods			Assessment	
1 Understand how to use major reference				
tools in disciplines of science and Lecture, Discussions, Di			iscussions, Hands-on	
technology. In class assignment Assignments/Projec				

2 Become t	familiar u	vith the trends and					
2 Become familiar with the trends and up-and-coming areas of research in science			Lecture, Discussions, Discussio		s, Hands-on		
and technology.		s of research in science	In class assignment Assignment		ents/Projects		
	07	of trends in scientific					
3 Gain understanding of trends in scientific publishing and discussions surrounding			Lecture, Discussions, Discussion		ons, Hands-on		
access to information in science.			In class assignment	Assignme	ents/Projects		
4 Understand how professionals in different fields of science and technology work and			Lecture, Discussions,	Discussion	ons, Hands-on		
research.			In class assignment	Assignme	nts/Projects		
This course	e has been	designed to cultivate th	ne following essential qualities	in TKU stud	lents		
		ties of TKU Students		Description			
□global	perspectiv	/es					
■a visio	n for the f	future		1			
■inform	ation liter	racy					
□ethical	and mora	l principles		-			
■indepe	ndent thir	ıking	翻譯建	構甲			
□an awareness of healthy living							
■effective teamwork							
□an appr	□an appreciation of the arts						
		Сс	ourse Schedule				
Week	Date	Subject/Topics Note			Note		
1	2/21	Introduction to the course					
2	2/28	National Holiday (Campus Closed)					
3	3/7	Information Behavior of Scientist and Engineers					
4	3/14	Information Needs of University Students Studying Science and Technology					
5	3/21	Sci-Tech Library and Innovative Information Services					
6	3/28	Issues in Science and Technology Librarianship (1)					
7	4/4	National Holiday (Campus Closed)					
8	4/11	Issues in Science and Technology Librarianship (2)					
9	4/18	Issues in Science and Technology Librarianship (3)					
10	4/25	Midterm Exam Week					
11	5/2	Group Final Presentations (1)					
12	5/9	Group Final Presentations (2)					
13	5/16	Group Final Presentations (3)					
14	5/23	Wrap up					
15	5/30	Final Exam Week					
16							
17							

18					
Requirement					
Teaching	Computer Overhead Projector Other (
Facility					
Textbook(s)	There is no required textbook for this course. Readings will be assigned in class.				
Suggested					
Readings					
Number of	(Filled in only for these courses that apply)				
Assignment(s)	(Filled in only for those courses that apply)				
Grading					
Policy					
Note	This syllabus may be uploaded at the website of Course Syllabus Management				
	System at <u>http://info.ais.tku.edu.tw/csp</u> 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/index.asp.				
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	crime to improperly photocopy others' publications.				

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