

## Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	COST / BENEFIT MODEL FOR QUALITY	Instructor	HSU-HUA LEE
Course Class	TLGXD1A DOCTORAL PROGRAM, DEPARTMENT OF MANAGEMENT SCIENCES, 1A	Details	◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
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 . Become proficient at Management Sciences skills. II. Learn about self-development and personal growth. III. Make connections between theory and practice. IV. Enhance team cooperation and communication. V . Cultivate analytical and decision making skills. VI. Value the sustainable operation of organizations.			
Subject Departmental core competences			
A. Decision-making analysis ability.(ratio:45.00) B. Statistical analysis ability.(ratio:30.00) C. Finance and economics analysis ability.(ratio:5.00) D. Organizational business management ability.(ratio:5.00) E. Teamwork ability.(ratio:5.00) F. Self-management ability.(ratio:5.00) G. Ethics application ability.(ratio:5.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:30.00) 2. Information literacy. (ratio:30.00) 3. A vision for the future. (ratio:10.00) 4. Moral integrity. (ratio:10.00) 5. Independent thinking. (ratio:5.00)			

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		The cost/ benefit model for quality can be studied and learned in theoretical and practical ways.		
<p>The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.</p> <p>Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.</p> <p>I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.</p> <p>II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.</p> <p>III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.</p>				
No.	Teaching Objectives			objective methods
1	To learn and research the six sigma management theory and practice			Cognitive
The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment				
No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDEFGFG	12345678	Lecture, Discussion, Practicum	Discussion(including classroom and online), Report(including oral and written), Activity Participation
Course Schedule				
Week	Date	Course Contents		Note
1	112/09/11 ~ 112/09/17	Introduction to cost/ benefit for quality		
2	112/09/18 ~ 112/09/24	The quality approach		

3	112/09/25 ~ 112/10/01	The cost/ benefit key points	
4	112/10/02 ~ 112/10/08	Quality linkage	
5	112/10/09 ~ 112/10/15	Quality cost model	
6	112/10/16 ~ 112/10/22	Quality cost input	
7	112/10/23 ~ 112/10/29	Quality cost output	
8	112/10/30 ~ 112/11/05	Model solving approach	
9	112/11/06 ~ 112/11/12	Cost/ benefit analysis methods/ visit company	
10	112/11/13 ~ 112/11/19	Mid-term exam week	
11	112/11/20 ~ 112/11/26	Quality cost control	
12	112/11/27 ~ 112/12/03	Quality cost / benefit	
13	112/12/04 ~ 112/12/10	Improvement techniques or visit company or lecture or join conference	
14	112/12/11 ~ 112/12/17	Improvement techniques or visit company or lecture	
15	112/12/18 ~ 112/12/24	Vist company or join the conference	
16	112/12/25 ~ 112/12/31	Model techniques (1)	
17	113/01/01 ~ 113/01/07	Final exam week/ Model techniques (2) or visit company	
18	113/01/08 ~ 113/01/14	flexible teaching week	
Key capabilities		Problem solving	
Interdisciplinary		STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)	
Distinctive teaching		Special/Problem-Based(PBL) Courses	
Course Content		Sustainability issue	

Requirement	Pay attention to the attendance and the learning
Textbooks and Teaching Materials	Self-made teaching materials:Textbooks, Presentations
References	six sigma management related journal papers
Grading Policy	<p>◆ Attendance : 30.0 %    ◆ Mark of Usual : 30.0 %    ◆ Midterm Exam : 40.0 %</p> <p>◆ Final Exam : %</p> <p>◆ Other &lt; &gt; : %</p>
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>