

## Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	RESEARCH METHODOLOGY	Instructor	RUEY-CHYN TSAUR
Course Class	TLQXM1A MASTER'S PROGRAM IN BUSINESS AND MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 1A	Details	<ul style="list-style-type: none"> <li>◆ Required</li> <li>◆ One Semester</li> <li>◆ 3 Credits</li> </ul>
<b>Departmental Aim of Education</b>			
<ul style="list-style-type: none"> <li>I. Develop a business and management perspective for students.</li> <li>II. Train the professionals in the integrated fields of business and management.</li> <li>III. Cultivate the talents with both theory and practices in business and management.</li> </ul>			
<b>Departmental core competences</b>			
<ul style="list-style-type: none"> <li>A. Provide the basic knowledge of both theory and practices.</li> <li>B. Enhance the practical training for the current trends.</li> <li>C. Cultivate the ethics in business and management.</li> <li>D. Obtain the ability of analyzing industrial and business problems.</li> </ul>			
<b>Course Introduction</b>	<p>The course of Research Methods is aimed to facilitate the Master students understand the basic concepts of scientific research, such as, measurement, sampling, credibility and reliability for data collection and data analysis using software SPSS. Finally, the process of research, research proposal/report writing and literature review are presented.</p>		

### The Relevance among Teaching Objectives, Objective Levels and Departmental core competences

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 Departmental core competences :

- (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 Departmental core competences that correspond to each teaching objective. Each objective may correspond to one or more Departmental core competences at a time. (For example, if one objective corresponds to three Departmental core competences: A, AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Departmental core competences
1	The course of Research Methods is aimed to facilitate the Ph.D. students can understand the basic concepts of scientific research and methods for data collection and data analysis. Then, the process of research, research proposal/report writing and research content can be easily finished.	P4	ABCD

#### Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	The course of Research Methods is aimed to facilitate the Ph.D. students can understand the basic concepts of scientific research and methods for data collection and data analysis. Then, the process of research, research proposal/report writing and research content can be easily finished.	Lecture, Discussion, Practicum	Practicum, Report, Participation

This course has been designed to cultivate the following essential qualities in TKU students

Essential Qualities of TKU Students	Description
◆ A global perspective	Helping students develop a broader perspective from which to understand international affairs and global development.
◆ Information literacy	Becoming adept at using information technology and learning the proper way to process information.
◇ A vision for the future	Understanding self-growth, social change, and technological development so as to gain the skills necessary to bring about one's future vision.
◇ Moral integrity	Learning how to interact with others, practicing empathy and caring for others, and constructing moral principles with which to solve ethical problems.
◆ Independent thinking	Encouraging students to keenly observe and seek out the source of their problems, and to think logically and critically.
◇ A cheerful attitude and healthy lifestyle	Raising an awareness of the fine balance between one's body and soul and the environment; helping students live a meaningful life.
◆ A spirit of teamwork and dedication	Improving one's ability to communicate and cooperate so as to integrate resources, collaborate with others, and solve problems.
◇ A sense of aesthetic appreciation	Equipping students with the ability to sense and appreciate aesthetic beauty, to express themselves clearly, and to enjoy the creative process.

#### Course Schedule

Week	Date	Subject/Topics	Note
1	108/02/18 ~ 108/02/24	Thesis introduction and reading articles	
2	108/02/25 ~ 108/03/03	Move to The 2019 International Conference in Management Sciences and Decision Making	
3	108/03/04 ~ 108/03/10	Academic ethics and reading articles	
4	108/03/11 ~ 108/03/17	Statistics	
5	108/03/18 ~ 108/03/24	Hypothesis	
6	108/03/25 ~ 108/03/31	Spring Holiday	
7	108/04/01 ~ 108/04/07	ANOVA	
8	108/04/08 ~ 108/04/14	ANOVA	
9	108/04/15 ~ 108/04/21	Linear regression analysis	
10	108/04/22 ~ 108/04/28	Midterm Exam.	
11	108/04/29 ~ 108/05/05	Linear regression analysis	
12	108/05/06 ~ 108/05/12	Linear regression analysis	

13	108/05/13 ~ 108/05/19	A speech	
14	108/05/20 ~ 108/05/26	Paper presentation	
15	108/05/27 ~ 108/06/02	Paper presentation	
16	108/06/03 ~ 108/06/09	Paper presentation	
17	108/06/10 ~ 108/06/16	Paper presentation	
18	108/06/17 ~ 108/06/23	Final exam.	
Requirement	Too many absences will be advised and rejected to final report.		
Teaching Facility	Computer		
Textbook(s)	My prepared handouts.		
Reference(s)			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	<p>◆ Attendance : 20.0 %    ◆ Mark of Usual : 10.0 %    ◆ Midterm Exam : 30.0 %</p> <p>◆ Final Exam : %</p> <p>◆ Other 〈final report〉 : 40.0 %</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>		