

## Tamkang University Academic Year 105, 1st Semester Course Syllabus

Course Title	RESEARCH METHODOLOGY	Instructor	I-TING LU
Course Class	TLBXM1P MASTER'S PROGRAM,DEPARTMENT OF BANKING AND FINANCE, 1P	Details	<ul style="list-style-type: none"> <li>◆ Required</li> <li>◆ One Semester</li> <li>◆ 3 Credits</li> </ul>
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			
Able to develop independent response to problem-solving.			
D e p a r t m e n t a l   c o r e   c o m p e t e n c e s			
<ul style="list-style-type: none"> <li>A. Have advanced professional knowledge of Finance Theory.</li> <li>B. To implement their practical and theoretical ability to integrate applications.</li> <li>C. To enhance logic deduction.</li> <li>D. The learning and application of financial research methods.</li> <li>E. To obtain high level professional qualifications that will aid future career development.</li> <li>F. Possess academic potential of future studies.</li> </ul>			
Course Introduction	<p>This course studies the nature, scope, and significance of business research and research methodologies. Additionally, the course studies primary research methods with applications to specific problems, using qualitative and quantitative methods for individual investigation and reporting on current problems within a student's area of interest.</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-Characterizing, 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 student will be able to select a research topic, conduct initial research to develop appropriate problem statements, research questions, and hypotheses so that an appropriate research method can be selected. The student will also be able to develop a literature review and a research methodology based on the selected topic.	C4	ABCDEF

### Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	The student will be able to select a research topic, conduct initial research to develop appropriate problem statements, research questions, and hypotheses so that an appropriate research method can be selected. The student will also be able to develop a literature review and a research methodology based on the selected topic.	Lecture, Discussion, Problem solving	Written test, 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	105/09/12 ~ 105/09/18	Course Introduction	
2	105/09/19 ~ 105/09/25	Role of Research and the Research Process	
3	105/09/26 ~ 105/10/02	Research Problem Section	Sep 26 Assignment 1 Due
4	105/10/03 ~ 105/10/09	Writing the Background Section and Role of the Hypothesis in Research	
5	105/10/10 ~ 105/10/16	National Day Holiday	
6	105/10/17 ~ 105/10/23	Writing the Literature Review Section	Oct 17 Assignment 2 Due
7	105/10/24 ~ 105/10/30	Writing the Literature Review Section	
8	105/10/31 ~ 105/11/06	Developing the Methodology	
9	105/11/07 ~ 105/11/13	Understanding the Requirements for the Thesis/Dissertation Preparation	Nov 7 Assignment 3 Due
10	105/11/14 ~ 105/11/20	Forum of Fintech: Undertaking future and opportunity of Fintech	
11	105/11/21 ~ 105/11/27	Using R for Econometric- Module 1	

12	105/11/28 ~ 105/12/04	Using R for Econometric- Module 2	Nov 28 Assignment 4 Due
13	105/12/05 ~ 105/12/11	Using R for Econometric- Module 3	
14	105/12/12 ~ 105/12/18	Using R for Econometric- Module 4	
15	105/12/19 ~ 105/12/25	Using R for Econometric- Module 5	Dec 19 Assignment 5 Due
16	105/12/26 ~ 106/01/01	Review Class	
17	106/01/02 ~ 106/01/08	New Year's Holiday	
18	106/01/09 ~ 106/01/15	Final Week	Jan 9 Assignment 6 Due
Requirement			
Teaching Facility	Computer, Projector		
Textbook(s)			
Reference(s)			
Number of Assignment(s)	6 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 %   ◆ Mark of Usual :   %   ◆ Midterm Exam :   % ◆ Final Exam :   % ◆ Other < Assignments > : 90.0 %		
Note	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> . <b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b>		