

Tamkang University Academic Year 106, 2nd Semester Course Syllabus

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| Course Title | RESEARCH METHODOLOGY | Instructor | I-TING LU |
| Course Class | TLUXM1A TKU-QUT DUAL MASTER DEGREE PROGRAM IN FINANCE (ENGLISH-TAUGHT PROGRAM), 1A | Details | <ul style="list-style-type: none"> ◆ Required ◆ One Semester ◆ 3 Credits |
| 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 | | | |
| <p>I. To cultivate a professional understanding of the theory and skills of finance.</p> <p>II. To be able to solve practical problems by professional knowledge of finance.</p> <p>III. Possess the ability to communicate and express views regarding financial profession.</p> <p>IV. Emphasize corporation and coordination within a team.</p> <p>V. To expand international vision and civic awareness.</p> | | | |
| 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 | | | |
| <p>A. Have a strong grasp of the advanced knowledge and skills in professional finance.</p> <p>B. Possess the advanced application ability to financial practices.</p> <p>C. To be capable of communicating and expressing views in terms of advanced finance.</p> <p>D. Illustrate the ability of corporation and coordination within a team.</p> <p>E. Understand international financial issues and corporate responsibility.</p> | | | |
| 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> | | |
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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 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 | ABCDE |

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 |
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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 | 107/02/26 ~ 107/03/04 | Course Introduction | |
| 2 | 107/03/05 ~ 107/03/11 | Role of Research and the Research Process | |
| 3 | 107/03/12 ~ 107/03/18 | Research Problem Section | Mar 15 Assignment 1 Due |
| 4 | 107/03/19 ~ 107/03/25 | Writing the Background Section and Role of the Hypothesis in Research | |
| 5 | 107/03/26 ~ 107/04/01 | Writing the Literature Review Section | |
| 6 | 107/04/02 ~ 107/04/08 | Spring Break (No Class) | |
| 7 | 107/04/09 ~ 107/04/15 | Writing the Literature Review Section | Apr 12 Assignment 2 Due |
| 8 | 107/04/16 ~ 107/04/22 | Developing the Methodology | |
| 9 | 107/04/23 ~ 107/04/29 | Developing the Methodology | |
| 10 | 107/04/30 ~ 107/05/06 | Midterm Week | May 3 Assignment 3 Due |
| 11 | 107/05/07 ~ 107/05/13 | Understanding the Requirements for the Thesis/Dissertation Preparation | |

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| 12 | 107/05/14 ~ 107/05/20 | Using R for Econometrics- Module 1 | |
| 13 | 107/05/21 ~ 107/05/27 | Using R for Econometrics- Module 2 | May 24 Assignment 4 Due |
| 14 | 107/05/28 ~ 107/06/03 | Using R for Econometrics- Module 3 | |
| 15 | 107/06/04 ~ 107/06/10 | Using R for Econometrics- Module 4 | |
| 16 | 107/06/11 ~ 107/06/17 | Using R for Econometrics- Module 5 | Jun 14 Assignment 5 Due |
| 17 | 107/06/18 ~ 107/06/24 | Review Class | |
| 18 | 107/06/25 ~ 107/07/01 | Final Week | |
| Requirement | | | |
| Teaching Facility | Computer, Projector | | |
| Textbook(s) | | | |
| Reference(s) | | | |
| Number of Assignment(s) | 5 (Filled in by assignment instructor only) | | |
| Grading Policy | ◆ Attendance : 10.0 % ◆ Mark of Usual : % ◆ Midterm Exam : 20.0 % ◆ Final Exam : 20.0 % ◆ Other (Assignments) : 50.0 % | | |
| Note | This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp 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/CS/main.php . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications. | | |