COLLEGE OF MANAGEMENT, MAHIDOL UNIVERSITY

Course Syllabus
MGMG 522 – Research Methodology in Finance

Credit Hours: 3 credits

Pre-requisite: Financial Planning and Control (MGMG 507)

Trimester: 2 / 2549

Instructor: Charn Soranakom, Ph.D. E-mail: nycharn@yahoo.com
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Class Meets: Wednesday 1:30–4:30PM, Room 606

Course Description:

This is an introductory course in research methodology in finance. The focus of this course is on selecting a research topic, reviewing the literature, developing a research hypothesis, getting the needed data, utilizing the appropriate econometric model, interpreting the results, and concluding the paper. After finishing this course, the students should have some ideas about how to write a research paper in proper format.

Presentation:

All students in the class will be divided into four groups. Each group consists of no more than three members. During a given class session, one of the groups will be assigned to present a paper of its choice to the class. Each group's presentation should last 40-45 minutes. Other groups can ask questions or discuss about the paper either during or after the presentation. The instructor may also ask some more questions. Each group must select a journal article and make one copy available to the instructor at least one week prior to the scheduled presentation.

Required Textbook:

1. Studenmund, A. H. (2006). *Using Econometrics: A Practical Guide* (5^{th} ed.). Massachusetts: Addison Wesley.

Course Evaluation:

Mid-term Exam	35%
Group Presentation	15%
Class Participation	10%
Final Exam	40%
Total	100%

Grading System (Tentatively):

90 =< Score <= 100 = A
85 =< Score < 90 = B+
75 =< Score < 85 = B
Score < 75 = to be determined

Tentative Class Schedule and Assignment (*Subject to change at the discretion of the instructor)

Session	Topics and Assignments
1 Wed Sep 27, 06	*Introduction to Writing a Research Paper, An Overview of Regression Analysis, and OLS* Assignment: Read Ch. 1-2
2 Wed Oct 4, 06	*Learning to Use Regression Analysis and The Classical Model* Assignment: Read Ch. 3-4
3 Wed Oct 11, 06	*Hypothesis Testing* Assignment: Read Ch. 5
4 Wed Oct 18, 06	*Choosing the Independent Variables and a Functional Form* Assignment: Read Ch. 6-7
5 Wed Oct 25, 06	*Multicollinearity Problem* Assignment: Read Ch. 8
6 Wed Nov 1, 06	**Mid-term Exam (Closed Book)**
Wed Nov 8, 06	**Reading Week (No class)**
7 Wed Nov 15, 06	*Serial Correlation Problem* Assignment: Read Ch. 9
8 Wed Nov 22, 06	*Heteroskedasticity Problem* Assignment: Read Ch. 10 Presentation (Group 1)
9 Wed Nov 29, 06	*Regression with a Binary Dependent Variable* Assignment: Read Ch. 13 Presentation (Group 2)
10 Wed Dec 6, 06	*Simultaneous Equations and Measurement Errors* Assignment: Read Ch. 14 and the Appendix (14.6) Presentation (Group 3)
11 Wed Dec 13, 06	*Time-Series Models, Forecasting, and Bias in Sampling* Assignment: Read Ch. 12, 15, and 16 Presentation (Group 4)
12 Wed Dec 20, 06	**Final Exam (Closed Book)**