



B.E. International Program

Faculty of Economics, Thammasat University



Course Outline

FN 241 Risk Management and Insurance

Semester: Summer/2011 (June 5 – July 27, 2012)

Instructor: Asst. Prof. Dr. Sarayut Nathaphan
Email: icsarayut@mahidol.ac.th

Lecture Time: Wednesdays and Fridays, 09:00 - 12:00 hrs.

Lecture Venue: Room 203, 2nd Floor, Faculty of Economics

Course Objective:

1. Explore Insurance Industry and its determinants, products, rule and regulations in the users perspective.
2. To enable students to understand framework, role, and function of financial department of business; goal and importance of financial risk management
3. To introduce the basic concept of financial risk management and insurance business including its roles in business world.
4. To equip students with analytical and problem-solving skills using MATLAB and its programming to solve basic risk management in finance world.
5. To provide students broad financial knowledge, corporate and investment, suffices for any business related functions.

Prerequisite

2nd year student (have taken at least 30 credits)

Grading:

Presentation	10%	
Project	20%	
Quiz and Assignments	20%	
Final Examination	50%	(Monday 30 th June, 2012, 13.00-16.00 hrs.)
Total	100%	

Important Dates:

- Summer session begins June 5, 2012
- Adding or Dropping Course June 5 -11, 2012
- Mid-term Examination Period June 20-22, 2012
- Course Withdrawal with "W" June 27-29, 2012
- Last day of class July 27, 2012
- Final Examination Period July 30-31, 2012

Required Text and Materials:

George, E. Rejda, "Principal of Risk Management and Insurance, 11th edition", Pearson, 2011 (GR)

Crouhy, Michel, Dan Galai, and Robert Mark, "The Essentials of Risk Management", Mc Graw Hill 2007 (CGM)

Tentative Course Schedule:

Session	Topic	Reading
1	Introduction to the course: Introduction to risk management: A Helicopter View Introduction to MATLAB 1	CGM Chp. 1
2	Introduction to Risk management and Insurance Probability concept Risk and its treatment Introduction to MATLAB 2	GR Chp. 1 Chp. 2
3	Corporate Governance and Risk Management Introduction to Probability Introduction to Random Variables	CGM Chp.4 and Handout
4 - 6	A User-Friendly Guide to the Theory of Risk and Return MATLAB workshop	CGM Chp. 5 Lecture Note
7	The Insurance Mechanism Fundamental of Risk Management	GR Chp. 3
8	Additional Topics in Risk Management Introduction to Enterprise Risk Management (ERM)	GR Chp. 4 Lecture Note
9	Legal Principles in Insurance	GR Chp. 5
10-11	Analysis of Insurance Contracts The liability risk Life Insurance	GR Chp. 6 -10
12	Corporate Risk Management	CGM Chp. 2
13-14	Value at Risk	CGM Chp 7 Class Lecture
15	Project Presentation	