Course Title: Financial Economics (I)

Course Code: 351786001

Course Credit: 3

Instructor: Yu-Min Yen (Department of International Business)

E-mail: yyu_min@nccu.edu.tw

Course Objectives:
The one-semester course aims to introduce postgraduate level students some well-established finance theories developed by economists. After learning the course, students are expected to know basic knowledge about advanced finance theories, which is extremely useful for their future career in the industry or Ph.D. study related to finance.

Schedule & Class Room:
Wednesday, 01:10pm-04:00pm, Commerce College Building, Room 260304

Course Descriptions:
The course will focus on asset pricing and portfolio choice theories. In particular, the course will cover the following topics:

1. Utility function and risk aversion
2. Stochastic discount factors and portfolio choice problem
3. Concepts of equilibrium and efficiency
4. No arbitrage and its relation to asset pricing
5. Mean-variance portfolio optimization
6. Beta pricing models
7. Representative agent in financial economics
8. Asymmetric information

Instructional Method: Lectures (English). Slides will be given before each topic begins.
Course Requirements:
Students should be familiar with undergraduate level microeconomics, calculus, algebra and statistics before taking the course. Also students are required to attend lectures and finish assigned exercises.

Evaluation:
Exercises (30%) and Final exam (70%)

Office hours: by appointment

Research room: Research Building, Room 250530

Textbooks & Suggested Materials:

