Syllabus

# Financial Management

Fall Semester, 2010 Professor Chau-Chen Yang Department of Finance, College of Management National Taiwan University Phone:(O)3366-1078 E-mail: <u>yang@management.ntu.edu.tw</u> Office: 801, Second Building of College of Management

# <u>Purposes of this course:</u>

This course is to equip students with fundamental knowledge for Financial Management. Major topics cover the following:

- 1. Money time value.
- 2. Introduction to Risk/ Return theory
- 3. Pricing of Securities
- 4. Estimating alternative costs of capital
- 5. Capital budgeting
- 6. Estimating future cash flows
- 7. Managing short-term assets
- 8. Financing Fixed Assets Investments
- 9. Evaluate Financial Statements
- 10. Financial analysis
- 11. Corporate control and Agency Problems
- 12. Introduction to Options, Futures and other Derivatives
- 13. Option concepts applied in Investments

Students will learn how to measure the relationship between risk and expected return, how to calculate money time-value, how to estimate cost of alternative capitals, how to do capital budgeting for real investments, how to predict and manage future cash flows, how to manage assets and debts, and so on.

| Course | sc | hed | lu | le: |  |
|--------|----|-----|----|-----|--|
|        |    |     |    |     |  |

| Week | Chapters                                 |
|------|------------------------------------------|
| 1    | Basic concepts for financial management. |
| 2    | Time value of money                      |

| 3  | Financial statements                   |
|----|----------------------------------------|
| 4  | Interests rates                        |
| 5  | Bonds and their valuation              |
| 6  | Risk/ Return                           |
| 7  | Stocks and their valuation             |
| 8  | The cost of capital                    |
| 9  | Capital budgeting                      |
| 10 | Cash flow estimation and risk analysis |
| 11 | Real options                           |
| 12 | Capital structure                      |
| 13 | Dividends policy                       |
| 14 | Working capital management             |
| 15 | Financial planning and forecasting     |
| 16 | Derivatives                            |

#### Text Book:

 Brigham and Houston, 2007, Essentials of Financial Management. Thomson. (Agent: Hua-Thai Publication Inc.)

## **Expected Grade Distribution for classmates:**

 90 and above
 20%

 80 ~ 89
 45%

 70 ~ 79
 30%~35%

 Fail
 0% ~ 5%

## **Expected Grade Distribution for exams:**

| Mid-term   | 45%         |
|------------|-------------|
| Final      | 45%         |
| Term paper | <u>10%</u>  |
| Total      | <u>100%</u> |