## Syllabus

# Financial Management 

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

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## Purposes of this course:

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 schedule:

| 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:

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

## Expected Grade Distribution for classmates:

90 and above $20 \%$

| $80 \sim 89$ | $45 \%$ |
| :--- | :---: |
| $70 \sim 79$ | $30 \% \sim 35 \%$ |
| Fail | $0 \% \sim 5 \%$ |

## Expected Grade Distribution for exams:

$\begin{array}{lc}\text { Mid-term } & 45 \% \\ \text { Final } & 45 \%\end{array}$
Term paper $\quad \underline{10 \%}$
Total $\underline{100 \%}$

