

## Course Outline

### FN312: INVESTMENT

Semester 2/2023

**Number of Credit:** 3

**Prerequisite:** (1) FN201 and (2) MA216 and (3) BA204 or (ST211 and ST212) or (ST216 and ST217) or (ST218 and ST319)

#### Course Description & Objectives:

This course aims to provide the student with a deeper understanding and appreciation of the complex questions and tradeoffs facing any investor, along with the necessary theoretical background for critically evaluating alternative investment strategies and the modern literature on investments. The course is designed to provide a conceptual framework for analyzing investment decisions, and the course will entail the use of a number of different statistical tools, ranging from the notion of probability distributions through linear regression analysis.

#### Class Time and Logistic

**Class day:** Tuesday - 13.00-16.00

**Venue:** Room 203, Faculty of Economics

**Teaching Materials Platform:**

Google Drive URL: <http://fn312be.konpanas.com>

#### Instructor:

**Name:** Asst.Prof.Dr. Konpanas Dumrongwong

**Office Hours:** By Appointment

**Email:** [konpanas@tbs.tu.ac.th](mailto:konpanas@tbs.tu.ac.th)

**Main Text:**

**Essentials of Investments, 12th Edition by Zvi Bodie and Alex Kane and Alan Marcus (ISBN: 978-1260772166).**

**Suggested Readings (Optional):**

Fama, Eugene F. and French, Kenneth R., (2015), [A five-factor asset pricing model](#), *Journal of Financial Economics*, **116**, issue 1, p. 1-22.

**Grading Criteria:**

Homework, ComLab & Quizzes (20%), Participation (10%), Midterm Exam (35%), Final Exam (35%).

Students must take all exams and quizzes to pass the class. There will be no make-up exams without written documentation of an emergency such as hospitalization, military service.etc. Exams will not be rescheduled to facilitate holiday travel. Letter grades are final. Class attendance is required for the completion of the course.

**Expected Learning Outcomes**

ELO(s)	Major Emphasis	Minor Emphasis	Expected Learning Outcomes
<b>1. Moral &amp; virtue</b>			
(1) ●	Possess honesty, sacrifice, self-, social-, and environmental responsibility.	-	Attend class regularly, no plagiarism in reports, no copying of homework.
<b>2. Knowledge</b>			
(1) ●	Acquire knowledge on and understand the important social and science concepts related to investment	-	Familiarity with financial concepts/models listed in class schedule.
<b>3. Intellectual skills</b>			
(1) ●	Be able to systematically search and process information in order to solve business problems.	-	Complete self-study problem sets.
<b>4. Interpersonal skills &amp; responsibility</b>			
(1) ●	Be able to work in team, possess interpersonal skills and leadership skills, and be professionally adaptive to a given situation.	-	Complete group assignments.
<b>5. Numeral analytic, communication, and information technology skills</b>			

(1) ●	Be able to apply mathematics, statistics, quantitative analysis in analyzing and making decisions in business problems and real-life situations.	-	Appropriately apply financial/mathematical knowledges in portfolio management, cost of capital analysis, intrinsic value of basic financial instruments and risk management.
-------	--	---	--

\* Major Emphasis: ●, Minor Emphasis: ○

### Tentative Class Schedule:

Session	Topics	Readings
#1: Week 1	Investment Environment, Financial Instruments, Index system, Securities Markets	BKM Ch 1-3
#3: Week 2	Introduction to Risk and Return	BKM Ch 5
#3: Week 3	Computer Lab: S&P500 Risk-Return	TBD
#4: Week 4	Risk Aversion and Asset allocation	BKM Ch 5
#5: Week 5	Optimal Risky Portfolios, Capital Asset Pricing Model	BKM Ch 6,7
#6: Week 6	Efficient Market Hypothesis	BKM Ch 8
TBD	Computer Lab: Basic Portfolio Optimizations	TBD
	<b>Midterm Exam</b>	
#8: Week 8	Fixed-Income Securities I: Basics & Valuation	BKM Ch 10
#9: Week 9	Fixed-Income Securities II: Bonds in Portfolio MGT	BKM Ch 11
#10: Week 10	Equity Valuation	BKM Ch 13
#11: Week 11	Computer Lab: Equity Valuation	TBD
#12: Week 12	Futures Markets and Risk Management	BKM Ch 17
#13: Week 13	Options Valuation I	BKM Ch 16
#14: Week 14	Options Valuation II	BKM Ch 16
#15: Week 15	Computer Lab: Advance Portfolio Optimizations	TBD
TBD	Review	TBD
	<b>Final Examination</b>	