BACHELOR OF ECONOMICS
THAMMASAT UNIVERSITY

Course Outline

FN312: INVESTMENTS

Semester 2/2021 (January 10th – May 7th, 2022)

Number of Credit: 3 (3 – 0 – 6)

Prerequisite: FN312 Investments

Course Description:

Valuation methods for fixed income instruments, equity instruments, options, and futures contracts; risk and return measurement of individual securities and portfolios, the determinants of risk and return.

Course Objectives:

- To provide frameworks for investments
- To understand securities markets and be able to explain trading mechanism
- To measure risk and return of individual securities and portfolios
- To construct minimum variance portfolios and optimal portfolios
- To explain and apply CAPM and other asset pricing models
- To understand efficient market hypothesis, market anomalies, and behavioral finance.
- To specify, explain, differentiate, compare, and contrast financial instruments such as bonds, stocks, options, and futures.
- To evaluate intrinsic values and analyze risks of bonds, stocks, options, and futures.

Class Time and Logistic

Class day: Tuesday

Class time: 14:00 – 17:00

Teaching Materials Platform: BE Moodle with enrollment key (5789) and MS Teams

https://teams.microsoft.com/l/team/19%3aPt5Wo0ntVNJA2Q-NMdtSDM7rNeZN-WWNLkYLkD3au0k1%40thread.tacv2/conversations?groupId=18dfceeb-e129-4477-ab0e-cc5ad137bf71&tenantId=0a43deb9-efb0-4f46-8594-71899230fda6

Meeting Platform: https://zoom.us/j/98700959697 (Passcode: 130663)

Instructor:

Name: Asst.Prof.Dr. Sakkakom Maneenop

Office Hours: By appointments

Email: sakkakom@tbs.tu.ac.th

Main Text:

- Zvi Bodie, Alex Kane, and Alan C. Marcus, **Investments**, McGraw-Hill, 12ed, 2021. (BKM)

Recommended Texts & Materials

- www.bloomberg.com
- www.economist.com
- www.ft.com
- www.wsj.com
- www.vanguard.com
- www.blackrock.com
- www.finance.yahoo.com
- www.google.com/finance
- https://fred.stlouisfed.org/
- www.settrade.com
- www.thaibma.or.th
- www.bot.or.th
- www.set.or.th
- www.sec.or.th

Suggested Readings:

- CFA materials

Grading Criteria: By group

Midterm Examination	40%
Final Examination	45%
Homework (Group)	15%
Total	**100%**

Expected Learning Outcomes:

	1. Morality and Ethics:	Expected Learning Outcomes:
●	1.1 Possess honesty, sacrifice, self-, social-, and environmental responsibility.	Classes start on time. Students are refrained from using cell phones and other electronic devices during class so not to make noise or visually distract others during class. Late submission of homework will be subject to penalty. Plagiarism is strictly prohibited.
N/A	1.2 Value "sufficiency" theory and adapt it in life path by adhering to adequacy, rationale, and immunity development.	
N/A	1.3 Value disciplines, respect, and comply with the rules and regulations of the institution and society at large.	
N/A	1.4 Acquire knowledge related to business morality and ethics, and be able to handle ethical dilemma with integrity.	
	2. Knowledge:	**Expected Learning Outcomes:**
N/A	2.1 Acquire knowledge on and understand the important concepts in business management.	
●	2.2 Acquire knowledge on and understand the important social and science concepts related to business management.	Students need to have enough knowledge and understanding in investment management and portfolio analysis. Students are able to adapt the concept to various situations.
N/A	2.3 Acquire knowledge on and understand the important concepts related to business processes, planning, corporate structures, operations, control, performance evaluation and contingency plan to suit the circumstances.	
N/A	2.4 Acquire the knowledge on academic advancement and professional development in business management including the understanding of the situational adaptability and its impacts on business.	
	3. Intellectual Development:	**Expected Learning Outcomes:**
●	3.1 Be able to search and process information and utilize various concepts appropriately in a given circumstance in order to obtain relevant information to benefit in the rapidly changing business environment.	Students can search and process information relevant to financial markets and investments so they can create and manage portfolios.
N/A	3.2 Be able to think systematically, rationally and creatively and to integrate knowledge from other disciplines to	

	solve the problems in business and other settings.	
N/A	3.3 Be able to collectively propose solutions to problems at hand and analyze the impacts of the proposed solutions and be able to choose the solution that is appropriate to a given situation to ensure business competitive advantages.	
	4. Interpersonal Skills and Responsibilities:	**Expected Learning Outcomes:**
N/A	4.1 Be able to work in team, possess interpersonal skills and leadership skills, and be professionally adaptive to a given situation.	
●	4.2 Be creative and constructively criticize to solve problem of the team.	Students can work together for group homework. Students successfully create ideas and constructively criticize so that the team achieves the best work and solution.
N/A	4.3 Be responsible in lifelong learning to develop self and professional career.	
	5. Quantitative Analysis, Communication and Information Technology:	**Expected Learning Outcomes:**
●	5.1 Be able to apply mathematics, statistics, quantitative analysis in analyzing and making decisions in business and daily life.	Students are able to use relevant mathematics and statistics to solve investment problems.
N/A	5.2 Be able to efficiently communicate in Thai and foreign languages that are relevant in doing business.	
N/A	5.3 Be able to explain the issues and make the issues clear in verbal or writing, and be able to choose the appropriate pattern of communication for different groups of audience both in business context and in other contexts.	
N/A	5.4 Be able to utilize the information technologies or others to support the business operations.	

Tentative Class Schedule:

Session/Date & Time	Topics	Activities/ Text & Materials*/ Media
#1: 11 Jan	Investment environment, asset classes, and financial instruments	Handout BKM ch. 1-2
#2: 18 Jan	Securities markets and trading mechanism	Handout BKM ch. 3
#3: 25 Jan	Risk, return, and the historical record	Handout BKM ch. 5
#4: 1 Feb	Capital allocation to risk assets	Handout BKM ch. 6
#5: 8 Feb	Efficient diversification	Handout BKM ch. 7
#6: 15 Feb	Capital asset pricing and multifactor models	Handout BKM ch. 9-10
#7: 22 Feb	The efficient market hypothesis (EMH) and behavioral finance	Handout BKM ch. 11-12
Midterm exam: Tuesday March 1, 15:00 – 17:00		
#8: 8 Mar	Bond prices and yields	Handout BKM ch. 14
#9: 15 Mar	Term structure of interest rates	Handout BKM ch. 15
#10: 22 Mar	Managing bond portfolios	Handout BKM ch. 16
#11: 29 Mar	Equity valuation	Handout BKM ch. 18
#12: 5 Apr	Equity valuation (cont.)	Handout BKM ch. 20
#13: 19 Apr	Option markets	Handout BKM ch. 21
#14: 26 Apr	Option valuation	Handout BKM ch. 22
#15: 3 May	Forward and futures	
Final exam: Wednesday May 18, 9:00 – 12:00		

*The instructor may request make-up classes or reschedule topics when appropriate.

Groups for assignments & term projects

Students form a group of **no more than 4 people** and prepare the following information in MS Word. One of the group members send this information to sakkakom@tbs.tu.ac.th by **January 31, 2021** using mail subject as "FN312 Group name" (e.g. FN312 Invest4Life) and carbon copy to all group members.

Group name: xxxxxxxx

No.	First name and last name	Student ID	Photo	E-mail	Mobile phone
1	Required	Required	Required	Required	Not required
2			(can be		
3			individual or		
4			group photos)		