

DONGGUAN UNIVERSITY OF TECHNOLOGY

School of Economics and Management

Course Syllabus

Spring 2019

Course Information

Course Code	086113
Course Title	Investments
Instructor	Huang, Chunyang
Class	2016 Economics and Finance (Financial Management Industry-University International Program)
Course Category	☒ Compulsory ☐ Elective
Credit(s)	2
Total Hours	36
Hours Per Week	2 hours per week for weeks 1-18
Practical Hours	0
Lab Practice Hours	0
Classroom	Room 3402, GuanCheng Campus;
Time	Monday, 10:25-12:00
Office Hour	Monday 14:30-16:00 at 3207 Guancheng Campus; by appointment
Required Textbook	Zvi Bodie, Alex Kane, and Alan Marcus, <i>Essentials of investment</i> (Tenth edition), 2017, Tsinghua University Press
Supplementary Materials	1. www.wallstreetcn.com 2. www.eastmoney.com
Prerequisites	Microeconomics, Macroeconomics, Advanced Mathematics

Assessment and Grading

Your performance in the course will be evaluated based on three parts: attendance (20%), team-project (40%), and final exam (40%). The detailed grading is as following:

	Standard	Notes
Attendance, 20%	If you are late or leave early, your grade will be taken 2 point each time. If you are absent for one class, the taken point will be 4 for each absentee. Give questions is a good way to get points in attendance.	If you are taken more than 10 points away, I will reserve your right to participate the final exam.
Team project 40%	Your will be asked to form teams for investment projects. Each team should research a listed company and write an investment report.	The maximum number of students in a team should be not more than 4.
Final exam, 40%	Questions for final exam will cover the core concepts, methodologies, techniques, and applications from the course.	Closed book exam.

Course Description

This course introduces the basic tools, theories, methodologies, and techniques in investment analysis. Key contents include (1) financial instruments, (2) financial markets, (3) modern portfolio theory, (4) capital asset pricing and arbitrage pricing theory, (5) bond analysis, (6) equity security analysis, (7) derivative security analysis, (8) portfolio management and performance evaluation.

Course Objectives

After this course, you should be able to:

- Understand the key concepts, principles and methods in investment analysis, such as the key features of various financial instruments, diversification with portfolio, Capital Asset Pricing Model and Arbitrage Pricing Theory (APT), the Efficient Market Hypothesis, yield curve, discount cash flow (DCF) method, binomial option pricing method, etc.
- Explain the observed security price movement in the real-world financial markets with knowledge from this course.
- Apply the learned knowledge to manage your personal investment.

Course Schedule

Week/Date	Topic	Required Reading and Assignments
1/Feb. 25	Introduction: investment background and some related issues	Chapter 1
2/Mar. 4	Asset classes and financial instruments	Chapter 2
3/Mar. 11	Security markets	Chapter 3
4/Mar. 18	Mutual funds and other investment companies	Chapter 4
5/Mar. 25	Risk and return	Chapter 5
6/Apr. 1	Portfolio diversification	Chapter 6
7/Apr. 8	Capital Asset Pricing Model (CAPM) and Arbitrage Pricing Theory (APT)	Chapter 7
8/Apr. 15	The efficient market hypothesis	Chapter 8
9/Apr. 22	Bond price and yield	Chapter 10
10/Apr. 29	Manage bond portfolio	Chapter 11
11/May 6	Macroeconomic and industry analysis	Chapter 12
12/May 13	Equity valuation	Chapter 13
13/May 20	Financial statement analysis	Chapter 14
14/May 27	Option valuation	Chapter 16
15/Jun. 3	Future valuation	Chapter 17
16/Jun. 10	Portfolio evaluation	Chapter 18
17/Jun. 17	Presentation of team projects	
18/Jun. 24	Course review	
Total	36 hours	

Date: 2019.3.7

Approved

Reviewed by

Bitao Shi

Signature

BITAO SHI

Director of

Department of International Business and Management