



National Taiwan University of Science and Technology

2022 Summer Program

FIN 201 Introduction to Finance

Course Outline

Course Code: FIN 201

Instructor: Michael J. Petersen, Ph.D.

Home Institution: North Dakota State University Fargo, North Dakota

Office Hours: by appointment

Email: Michael.j.petersen@ndsu.edu

Credit: 4

Course Description:

This course is a continuation of Finance I, which was an introduction to corporate finance. This course will cover the theory of finance as well as its role in capital budgeting and long-term investment decisions in national and international settings.

Course Goals:

A student who satisfactorily completes this course should be able to understand and address the following key questions:

1. How does data analytics assist in the process of making capital budgeting decisions?
2. How does a finance professional determine the optimal mix of debt and equity for the long-term capital of a company?
3. Should a firm pay dividends or reinvest its earnings in profitable capital projects? That is, is a bird-in-hand worth two in the bush?
4. What are options and warrants and what role do they play in corporate finance?
5. What are some of the complexities multi-national companies need to consider when dealing with international finance?

Required Textbook:



Ross, Stephen; Randolph Westerfield, Jeffrey Jaffe, and Bradford Jordan. 12th Edition. Corporate Finance. McGraw-Hill Education ISBN: 978-1-25-991894-0

Grading Policy:

In this course, grading will be based on the following:

Mid-term and Final exam (150 pts each)	300 pts
Quizzes (4 at 25 pts each)	100 pts
Homework Submissions (Highest 11 @ 10 pts each)	110 pts
In-Class Assignments (Highest 8 @ 5 pts each)	40 pts
Attendance	<u>50 pts</u>
Total Points	600 pts

Quizzes: Four quizzes will be given, worth 25 points each.

Homework: Thirteen homework assignments will be given, with the highest 11 counting toward the grade.

In-Class Assignments: Ten in-class assignments will be given, with the highest 8 counting toward the grade.

Attendance: Initially, 50 points will be awarded for attendance. This total will decrease by 5 points for every class missed.

Grade Distribution:

A+:4.3——95-100

A :4.0——87-94

A -:3.7——82-86

B+:3.3——78-81

B :3.0——75-77

B -:2.7——71-74

C+:2.3——68-70

C :2.0——65-67

C -:1.7——61-64



D :1.0——55-60

E :0.0——49-54

X :0.0——0

Class Rules:

Students are expected to:

- Attend all classes and be responsible for all material covered in class and otherwise assigned. Any unexcused absence may impact a student's grade. Complete the day's required reading and assignments before class
- Review the previous day's notes before class; make notes about questions you have about the previous class or the day's reading
- Participate in class discussions and complete required written work on time.
- Refrain from texting, phoning or engaging in computer activities unrelated to class during class (不要用手机). Students who do not do this will be asked to leave the class
- While class participation is welcome, even required, you are expected to refrain from private conversations during the class period.

Attendance Policy:

Students are expected to attend class. Attendance will be taken and count towards the grade.



Course Schedule:

The planned schedule may be modified to suit the interests or abilities of the students or to take advantage of special opportunities or events that may arise during the term.

Class Date	Content	Chapter	Due
Week 1-01	Review of Finance I	2 3	
Week 1-02	Making Capital Investment Decisions	6	Ch 2-3 HW
Week 1-03	Making Capital Investment Decisions Risk Analysis, Real Options, and Capital Budgeting	6 7	
Week 1-04	Risk Analysis, Real Options, and Capital Budgeting	7	Ch 6 HW
Week 1-05	Quiz #1 (Ch 6 and 7) Long-term Financing	15	Ch 7 HW
Week 2-01	Capital Structure: Basic Concepts	16	Ch 15 HW
Week 2-02	Quiz #2 (Ch 15 and 16) Capital Structure: Limits to the Use of Debt	17	Ch 16 HW
Week 2-03	Valuation and Capital Budgeting for the Leveraged Firm	18	Ch 17 HW
Week 2-04	Review		Ch 18 HW
Week 2-05	Mid-term Exam (Ch 6-7, 15-18)		
Week 3-01	Dividends and Other Payouts	19	
Week 3-02	Dividends and Other Payouts Raising Capital	19 20	
Week 3-03	Raising Capital	20	Ch 19 HW
Week 3-04	Quiz #3 (Ch 19 and 20) Options and Corporate Finance	22	Ch 20 HW
Week 3-05	Options and Corporate Finance: Extensions and Applications	23	Ch 22 HW
Week 4-01	Options and Corporate Finance: Extensions and Applications Warrants and Convertibles	23 24	
Week 4-02	Quiz #4 (Ch 22 and 23) Warrants and Convertibles	24	Ch 23 HW
Week 4-03	International Corporate Finance	31	Ch 24 HW
Week 4-04	Review		Ch 31 HW
Week 4-05	Final Exam (Ch 19-20, 22-24, 31)		