

Finance
Course Number: 29:390:329
Course Title: Finance

COURSE DESCRIPTION

This course introduces you to the two core concepts in finance, the time value of money and the risk-return trade-off, and their applications (e.g. pricing financial contracts, determining the cost of capital, capital budgeting, deciding on capital structure). The objectives of this course are to help you (i) understand the basic tools/constructs/techniques of finance, thoroughly; (ii) understand the assumptions underlying the basic tools/constructs/techniques, and (iii) apply the tools.

COURSE MATERIALS

Textbook and Financial Calculator

Text: Fundamentals of Corporate Finance; Ross; 12th edition

The instructions for ordering the text are in the **Course Documents** section on Canvas. It is essential that you purchase the book online as we will be using the assignments through McGraw Hill's Connect Ed.

Have your financial calculator at all classes. It is recommended that you purchase the [Texas Instruments BAI Plus](#) calculator.

LEARNING GOALS AND OBJECTIVES

This course is designed to help students develop skills and knowledge in the following area(s) associated with Working Capital Management:

1. **Business knowledge.** Students graduating with a BS degree will have broad understanding of basic business theory and practice and deep understanding of theory and practice within their major field.

Students will demonstrate:

- a. knowledge of current basic concepts in the functional areas of business.
- b. knowledge of current advanced concepts within their major field and an ability to integrate and apply these concepts to practical business problems.

c. proficiency at using current software tools and information systems to manage business data and address practical business problems.

2. **Critical Thinking and Ethical judgment.** Students graduating with a BS degree will use reasoned and ethical judgment when analyzing problems and making decisions.

Students will demonstrate:

- a. ability to critically evaluate unstructured business decision-making scenarios and develop solutions
- b. recognition of ethical dimensions in unstructured business decision-making scenarios and implementation of ethical solutions.

3. **Global perspective.** Students graduating with a BS degree will have the breadth of perspective necessary to succeed in a global and diverse business environment.

Students will demonstrate:

- a. students will have a sensitivity and understanding of the impact of demographic and cultural diversity on business interactions both domestically and globally.

4. **Teamwork and Persuasive communication.** Students graduating with a BS degree will be effective communicators and have interpersonal relation skills.

Students will demonstrate:

- a. ability to construct clear, concise, and effective written business reports.
- b. ability to construct and deliver clear, concise, and convincing oral business reports.

5. **Quantitative Thinking.** Students graduating with a BS degree will understand and be able to apply appropriate quantitative techniques to

- a. analyzing and finding patterns in data
- b. analysis of business decision-making and planning

PREREQUISITES

All the Pre-Business Requirements

ACADEMIC INTEGRITY

I do NOT tolerate cheating. Students are responsible for understanding the RU Academic Integrity Policy (<http://academicintegrity.rutgers.edu/>)

I will strongly enforce this Policy and pursue *all* violations. On all examinations and assignments, students must sign the RU Honor Pledge, which states, “On my honor, I have neither received nor given any unauthorized assistance on this examination or assignment.” I will screen all written assignments through *SafeAssign* or *Turnitin*, plagiarism detection services that compare the work against a large database of past work. Don’t let cheating destroy your hard-earned opportunity to learn. See business.rutgers.edu/ai for more details.

ATTENDANCE AND PREPARATION POLICY

- Expect me to attend all class sessions. I expect the same of you. If I am to be absent, my department chair or I will send you notice via email and Canvas as far in advance as possible. If you are to be absent, report your absence in advance at <https://sims.rutgers.edu/ssra/>. If your absence is due to religious observance, a Rutgers-approved activity, illness, or family emergency/death and you seek makeup work, also send me an email with full details and supporting documentation within 3 days of your first absence.
 - For weather emergencies, consult the campus home page. If the campus is open, class will be held.
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GRADING POLICY

Course grades are determined as follows:

- 30% All the Assignment assigned per the syllabus
- 35% Mid-term (Chapters 1-8)
- 35% Final (Chapters 9-14,)

The course will be graded on a curve with the approximate grade distribution being the following:

- A – 15%
- B+ – 30%
- B - 35%
- C+ - 15%
- C - 5%
- D - * - See note below

* Grades lower than a C can be earned if students perform over 15 points below the average.

COURSE SCHEDULE

| <u>Class</u> | <u>Date</u> | <u>Subject Covered</u> | <u>Chapter</u> |
|--------------|-------------|--|----------------|
| 1 | | Introduction to Corporate Finance LIVE LECTURE | 1 |
| | | <i>Assignments: Learning Smart (10 points) DUE</i> | |
| | | Financial Statements, Taxes and Cash Flows LIVE LECTURE | 2 |
| | | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | |

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|---|--|------------------------|---|
| 2 | Working with Financial Statements | LIVE LECTURE | 3 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| | Long-term Financial Planning and Growth | LIVE LECTURE | 4 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| 3 | Introduction to Valuation: Time Value of Money | ON-LINE LECTURE | 5 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| 4 | Discounted Cash Flow Valuation | LIVE LECTURE | 6 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| 5 | Interest rates and Bond Valuation | ON-LINE LECTURE | 7 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| 6 | Stock Valuation | ON-LINE LECTURE | 8 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| | Review for Mid-Term | | |
| 7 | Exam #1 (Chapters 1-8) | | |

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|---|--|------------------------|----|
| 8 | Net Present Value and Other Investment Criteria | LIVE LECTURE | 9 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| | Making Capital Investment Decisions | LIVE LECTURE | 10 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |
| 9 | Project Analysis and Evaluation | ON-LINE LECTURE | 11 |
| | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | | |

COURSE SCHEDULE (Continued)

| <u>Class</u> | <u>Date</u> | <u>Subject Covered</u> | <u>Chapter</u> |
|--------------|-------------|--|------------------------|
| 10 | | Some Lessons from Capital Market History | ON-LINE LECTURE |
| | | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | |
| 11 | | Return, Risk and Security Market Line | LIVE LECTURE |
| | | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | |
| 12 | | Cost of Capital | LIVE LECTURE |
| | | <i>Assignments: Learning Smart (10 points); Chapter Assignment (15 points); Chapter Assessment (15 Points) DUE</i> | |

Final (Chapters 9-14)

SUPPORT SERVICES

If you need accommodation for a *disability*, obtain a Letter of Accommodation from the Office of Disability Services. The Office of Disability Services at Rutgers, The State University of New Jersey, provides student-centered and student-inclusive programming in compliance with the Americans with Disabilities Act of 1990, the Americans with Disabilities Act Amendments of 2008, Section 504 of the Rehabilitation Act of 1973, Section 508 of the Rehabilitation Act of 1998, and the New Jersey Law Against Discrimination. More information can be found at ods.rutgers.edu.

[Rutgers University-New Brunswick ODS phone (848)445-6800 or email dsoffice@echo.rutgers.edu]

[Rutgers University-Newark ODS phone (973)353-5375 or email ods@newark.rutgers.edu]

If you are *pregnant*, the Office of Title IX and ADA Compliance is available to assist with any concerns or potential accommodations related to pregnancy.

[Rutgers University-New Brunswick Title IX Coordinator phone (848)932-8200 or email jackie.moran@rutgers.edu]

[Rutgers University-Newark Office of Title IX and ADA Compliance phone (973)353-1906 or email TitleIX@newark.rutgers.edu]

If you seek *religious accommodations*, the Office of the Dean of Students is available to verify absences for religious observance, as needed.

[Rutgers University-New Brunswick Dean of Students phone (848)932-2300 or email deanofstudents@echo.rutgers.edu]

[Rutgers University-Newark Dean of Students phone (973)353-5063 or email DeanofStudents@newark.rutgers.edu]

If you have experienced any form of *gender or sex-based discrimination or harassment*, including sexual assault, sexual harassment, relationship violence, or stalking, the Office for Violence Prevention and Victim Assistance provides help and support. More information can be found at <http://vpva.rutgers.edu/>.

[Rutgers University-New Brunswick incident report link: <http://studentconduct.rutgers.edu/concern/>. You may contact the Office for Violence Prevention and Victim Assistance at (848)932-1181]

[Rutgers University-Newark incident report link:

https://cm.maxient.com/reportingform.php?RutgersUniv&layout_id=7 . You may also contact the Office of Title IX and ADA Compliance at (973)353-1906 or email at TitleIX@newark.rutgers.edu. If you wish to speak with a staff member who is confidential and does **not** have a reporting responsibility, you may contact the Office for Violence Prevention and Victim Assistance at (973)353-1918 or email run.vpva@rutgers.edu]

If students who have experienced a temporary condition or injury that is adversely affecting their ability to fully participate, you should submit a request via <https://temporaryconditions.rutgers.edu>.

If you are a military **veteran** or are on active military duty, you can obtain support through the Office of Veteran and Military Programs and Services. <http://veterans.rutgers.edu/>

If you are in need of **mental health** services, please use our readily available services.

[Rutgers University-Newark Counseling Center: <http://counseling.newark.rutgers.edu/>]

[Rutgers Counseling and Psychological Services–New Brunswick: <http://rhscaps.rutgers.edu/>]

If you are in need of **physical health** services, please use our readily available services.

[Rutgers Health Services – Newark: <http://health.newark.rutgers.edu/>]

[Rutgers Health Services – New Brunswick: <http://health.rutgers.edu/>]

If you are in need of **legal** services, please use our readily available services: <http://rusls.rutgers.edu/>

Students experiencing difficulty in courses due to **English as a second language (ESL)** should contact the Program in American Language Studies for supports.

[Rutgers–Newark: PALS@newark.rutgers.edu]

[Rutgers–New Brunswick: eslpals@english.rutgers.edu]

If you are in need of additional **academic assistance**, please use our readily available services.

[Rutgers University-Newark Learning Center: <http://www.ncas.rutgers.edu/rlc>

[Rutgers University-Newark Writing Center: <http://www.ncas.rutgers.edu/writingcenter>]

[Rutgers University-New Brunswick Learning Center: <https://rlc.rutgers.edu/>]

[Optional items that many faculty include:

- Students must sign, date, and return a statement declaring that they understand the RU Academic Integrity Policy.

- Students must sign, date, and return a statement declaring that they understand this syllabus.]