

Course Syllabus
FINA 5170 (002)

Course Information

<i>Course Number / Section</i>	FINA 5170 (002)
<i>Course Title</i>	Financial Management
<i>Term</i>	Fall 2025
<i>Days & Times</i>	Tuesdays 2:00 p.m. – 4:50 p.m.
<i>Classroom</i>	BLB 260

Professor Contact Information

<i>Professor</i>	Tomas Mantecon Prieto
<i>Office</i>	312L
<i>Office Phone</i>	940-891-6905. You can contact me at tomas.mantecon@unt.edu
<i>Office Hours</i>	<i>Office Hours</i> Mondays 5:00 P.M. to 6:00 P.M., Tuesdays 12:00 P.M. to 1:15 P.M., Wednesdays 12:00 P.M. to 1:15 P.M., and by appointment

Pre-requisites

Students must complete ACCT 5020, FINA 5040, ECON 5000, BCIS 5090, DSCI 5010 before enrolling in this course.

Students who are non-degree or degree-seeking, undecided may not register for certain courses without departmental approval.

Course Description and Course Objectives

The objective of this course is to develop your knowledge and understanding of a broad set of corporate financial principles and fundamentals. You will learn the tools and techniques used in corporate financial management. The financial knowledge you gain in this course will serve as a foundation for other business courses and for the knowledge you'll acquire as a professional.

Upon successful completion of this course, you should be able to answer the following questions:

- ✚ What should be the generic goal of a manager? What are agency problems?
- ✚ Why is the concept of the time value of money important for businesses and investors?
- ✚ How do you price bonds using the current term structure of interest rates? What happens to the price of a bond if interest rates change by 1%?
- ✚ How do you price stocks using multiples and discounted cash flows?
- ✚ Which projects should you accept or reject?
- ✚ Where would you invest a certain sum of money using Markowitz's portfolio theory?
- ✚ Why should investors diversify?
- ✚ What are some of the most important models that relate risk and expected returns?
- ✚ How do firms compute their cost of capital, and why is it important?

Required text

✚ **Canvas:** The **Canvas** website is your primary interface in this course. All portions of the course will be online. You can access the course material in Canvas at <https://unt.instructure.com/login/canvas>.

After you log in using your EUID and password, click on FINA 5170 from the list of courses. If you run into technical problems while using Canvas, please call 940 565 2324 or email vista@unt.edu.

All materials are grouped into modules in Canvas.

- I will post **announcements** at least once a week to inform you about what I expect for the upcoming week.

✚ **McGraw Hill Connect Finance** is integrated into Canvas so you will have seamless access to the McGraw Hill materials through Canvas. Connect Access Code for the electronic version of the book “*Principles of Corporate Finance, by Brealey, Myers, and Allen, 14th edition*”

You can buy the e-book and get access to Connect for \$95. You can also buy the text-book and enter a code that will give you access to Connect. You have more information on how to access Connect in the following video [Connect - Canvas Resources \(for students\) \(site.com\)](#)

Recommended Readings

- *The Wall Street Journal*. Every student in our Master’s program gets electronic access to the WSJ. You can request your subscription at this website: <https://cob.unt.edu/masters/wall-street-journal-online-subscription>
- Other interesting sources of information include *The Financial Times*, *The Economist*, and websites such as <https://www.bloomberg.com/>

Excel/Calculator

Excel is a powerful tool for solving problems in this class, but a financial calculator, such as the Texas Instruments BA-II Plus, will also be very useful during exams.

Class Format

The class will consist of lectures on the assigned topics. Students are expected to have read the assigned material before each class. Active participation and questions are strongly encouraged.

My best advice is to dedicate time each day to studying and working through the problems in the book until you feel confident with the material.

Performance Evaluation

Examinations (500 points)

There will be three exams during the semester. Each exam will include the material covered in the prior exam. The dates for the exams are:

- Exam 1: Week 6
- Exam 2: Week 10
- Final Exam, December 9th from 1:30 PM-3:30 PM

Please make sure that you do not have other commitments on these days, as exams are allowed only on the scheduled exam dates and there are no makeup exams.

The first and second exams will be held during regular class time on the dates indicated in the *Tentative Schedule* below in this document. The date of the final exam is December 9th from 1:30 PM-3:30 PM.

In-class quizzes (Total 200 points)

During the last 15–20 minutes of 12 class sessions (see the tentative schedule), you will have the opportunity to answer one or two problems or multiple-choice questions based on the chapters covered in previous classes. I will inform you in advance of the material you need to study. There will be 12 quizzes throughout the semester, but I will drop your two lowest quiz grades at the end of the semester to account for any classes you may need to miss. As a result, you can earn up to 200 points from your 10 highest quiz scores.

Class Participation (100 points).

You can participate in class in three ways:

1. *Engage in class discussions.* Read the assigned chapters before class and participate actively by asking and answering questions.
2. *Discuss current business news.* Contribute to conversations about major business events that have occurred since the last class. One of my objectives is to encourage you to follow the news regularly and continue doing so throughout your professional career. To guide our discussions, please listen to the following *Wall Street Journal* podcasts:
 - *Your Money Briefing*: <https://www.wsj.com/podcasts/your-money-matters>
 - *What's News*: <https://www.wsj.com/podcasts/whats-news>
3. *Present market developments.* I will form groups, and each group will be responsible for presenting the main developments in the markets during the prior week. You will need to follow the equity markets, fixed income markets, currency markets, and commodities markets (primarily oil and gold). You can find this information in various sources, including <https://www.bloomberg.com>, under the tab *Markets*

Problem sets (Total 200 points)

You will have 10 problem sets (PS) created in McGraw-Hill Connect. Each problem set will be worth 20 points. To earn the full 20 points for a problem set, you must answer more than 75% of the questions correctly. Please try to submit each problem set several hours before the due date. Problem sets submitted after the due date will not be graded.

Grades

Grades will be computed based on the following maximum number of points:

Exam 1	50
Exam 2	150
Comprehensive final exam	300
In-class Quizzes	200
Problem Sets	200
Class participation	100
Total	1000 points

Students are responsible for taking the scheduled exams except for accepted excuses. Viable excuses include documented sickness, death in the immediate family, or participation in university-sanctioned activities. Beyond these exemptions, no makeup exams will be given.

Grade Distribution

900 – 1100 = A

800 – 899 = B

700 – 799 = C

600 – 699 = D

Below 600 = F

Students should be aware that no extra credit, other than the ones mentioned in this syllabus, will be granted. Unfortunately, a few students inquire at the end of each semester: “What can I do to get an A, a B or a C?” The answer is, unfortunately, “nothing.” Each student has the same opportunity to earn their grade. I will not treat any student differently by allowing them to earn extra credit that was not available to others.

Tentative Schedule

This is a tentative schedule. Students are responsible for attending class and staying informed about any unexpected changes to the schedule. For example, a class may be canceled if I am ill or if the University is closed due to weather conditions. Important deadlines for dropping or withdrawing from the course can be found clicking [here](#).

	Topic	Assignments
Class Meeting 1 (Aug 19)	Introduction to Corporate Finance	<ul style="list-style-type: none"> ✚ Register in Connect ✚ Read Chapter 1
Class Meeting 2 (Aug 26)	How to calculate Present values Working on some examples to demonstrate the relevance of time value of money	<ul style="list-style-type: none"> ✚ Read Chapter 2 ✚ Follow the markets and business news ✚ Work on <i>the problems in the document "problems_time_value_of_money"</i> ✚ Prepare for Quiz 1 ✚ Work on Problem Set 1. ✚ Important: You have problems solved in different documents in Canvas, many of which are in the problem sets. Also, almost all the questions in the problem sets are taken from the textbook, and <u>you have the solutions</u> to all these problems in the chapter in the Module "Solutions to textbook problems 14 ed."
Class Meeting 3 (Sep 2)	Valuing bonds	<ul style="list-style-type: none"> ✚ Read Chapter 3 ✚ Follow the markets and business news ✚ Prepare for Quiz 2 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 2.
Class Meeting 4 (Sep 9)	Valuing common stocks	<ul style="list-style-type: none"> ✚ Read Chapter 4 ✚ Follow the markets and business news ✚ Prepare for Quiz 3 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 3
Class Meeting 5 (Sep 16)	Working on problems from Chapters 3 and 4	<ul style="list-style-type: none"> ✚ Read again Chapters 3 and 4 and work on the assigned problems ✚ Follow the markets and business news ✚ Prepare for Quizzes 4 & 5 ✚ Continue working on the assignments from the prior day of class
Class Meeting 6 (Sep 23)	Exam 1	✚ Exam 1 - Chapters 1, 2, 3, and 4
Class Meeting 7 (Sep 30)	NPV and Other Investment Decision Rules	<ul style="list-style-type: none"> ✚ Read Chapters 5 ✚ Follow the markets and business news ✚ Prepare for Quiz 6 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 4

Class Meeting 8 (Oct 7)	Introduction to Risk and Return	<ul style="list-style-type: none"> ✚ Read Chapters 7 ✚ Follow the markets and business news ✚ Prepare for Quiz 7 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 5
Class Meeting 9 (Oct 14)	Portfolio Theory and the CAPM	<ul style="list-style-type: none"> ✚ Read Chapter 8 ✚ Follow the markets and business news ✚ Prepare for Quiz 8 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 6.
Class Meeting 10 (Oct 21)	Exam 2	✚ Exam 2 - Chapters 1, 2, 3, 4, 5, 6, 7, and 8
Class Meeting 11 (Nov 4)	Risk and The Cost of Capital	<ul style="list-style-type: none"> ✚ Read Chapter 9 ✚ Follow the markets and business news ✚ Prepare for Quiz 9 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 7.
Class Meeting 12 (Nov 11)	Valuation	<ul style="list-style-type: none"> ✚ Prepare for Quiz 10 ✚ Start working on Problem Set 9. This problem set is not in Connect.
Class Meeting 13 (Nov 18)	Efficient Markets and Behavioral Finance	<ul style="list-style-type: none"> ✚ Read Chapter 12 ✚ Follow the markets and business news ✚ Prepare for Quiz 11 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 8
Class Meeting 14 (Nov 25)	How Corporations Issue securities	<ul style="list-style-type: none"> ✚ Read Chapter 14 ✚ Follow the markets and business news ✚ Prepare for Quiz 12 ✚ Continue working on the assignments from the prior day of class ✚ Work on Problem Set 9 ✚ Work on Problem Set 10.
Class Meeting 15 (Dec 2)	Review of the Semester	✚ Prepare for the final Exam covering Chapters 1, 2, 3, 4, 5, 7, 8, 9, 12, and 14, and prepare questions to ask in class.
Class Meeting 16 (Dec 9)	<u>Final Exam</u> Tuesday, December 9, from 1:30PM to 3:30PM.	✚ Comprehensive Final Exam

ACADEMIC INTEGRITY GUIDANCE ON GENERATIVE ARTIFICIAL INTELLIGENCE (GenAI)

Generative Artificial Intelligence (GenAI) refers to software systems and platforms that create new content, such as text, images, audio or video using generative models. These models identify patterns from large datasets, enabling them to generate data in response to specific prompts, which in many ways can resemble human-created content.

At the University of North Texas, we value creativity and aim for all members of our community to thrive in an ever-changing world. In line with these values, it is critical that we prepare our academic community to embrace AI literacy by intentionally incorporating the use of GenAI into relevant learning experiences.

In this course, the use of GenAI tools is generally welcomed when cited appropriately, provided the final product reflects the student's creative input and decision-making.

A concern is that some students may rely on GenAI to complete problem sets without engaging in a careful thought process. If you do not understand the problems yourself, you will not learn the material and are likely to perform poorly on quizzes and exams, which count for 20% and 50% of the course grade, respectively. Quizzes and exams are administered in class without computer access.

ACADEMIC INTEGRITY STANDARDS AND CONSEQUENCES

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

EMERGENCY EVACUATION PROCEDURES FOR BUSINESS LEADERSHIP BUILDING

- **Severe Weather** In the event of severe weather, all building occupants should immediately seek shelter in the designated shelter-in-place area. If unable to safely move to the designated shelter-in-place area, seek shelter in a windowless interior room or hallway on the lowest floor of the building. All building occupants should take shelter in rooms 055, 070, 090, and the restrooms on the basement level or in rooms 170, 155, and restrooms 122, 182 or 183 on the first floor.
- **Bomb Threat/Fire** In the event of a bomb threat or fire in the building, all building occupants should immediately evacuate the building using the nearest exit. Once outside, proceed to the designated assembly area. If unable to safely move to the designated assembly area, contact one or more members of your department or unit to let them know you are safe and inform them of your whereabouts. Persons with mobility impairments who are unable to safely exit the building should move to a designated area of refuge and await assistance from emergency responders. All building occupants should immediately evacuate the building and proceed to the south side of Crumley Hall in the grassy area, west of parking lot 24.

STUDENT PERCEPTIONS OF TEACHING (SPOT)

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The short SPOT survey will be made available at the end of the semester to provide you with an opportunity to evaluate how this course is taught. You will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Please look for the email in your UNT email



inbox. Simply click on the link and complete your survey. Once you complete the survey you will receive a confirmation email that the survey has been submitted. For additional information, please visit the spot website at www.spot.unt.edu or email spot@unt.edu.

DISABILITY ACCOMODATION

The University of North Texas is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at <http://www.unt.edu/oda/apply/index.html>. Also, you may visit the Office of Disability Accommodation in the University Union (room 321) or call them at (940) 565-4323.

If you need an accommodation, please contact me as soon as possible but at the latest by the second week of class.