

University of Missouri–St. Louis
Course Syllabus
FIN3500-005 Financial Management
Fall 2023 (Online and Video Lectures)

Dr. Yiuman Tse
Endowed Chair and Professor of Finance
Office: AB Hall 229
Phone: 314-516-6828
Virtual office hours: Wed 5:30 – 6:30 and by appointment on zoom
<https://umsystem.zoom.us/j/3145166828> (Code: STL)
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*Please specify subject: FIN3500 for all email communications using UMSL email address ONLY.
Emails received from non-UMSL addresses may not be answered.*

Course Description: The study of a firm’s need for funds; the institutions, instruments, and markets concerned with raising funds; and the techniques of analysis used to determine how effectively these funds, once raised, are invested within the firm.

Course Objectives: The student should gain familiarity with:

- much of the language of finance
- the practice and problems of corporate governance
- the time value of money related to security pricing and capital budgeting
- the markets for securities and their valuation
- the ability to calculate a firm’s cost of capital
- the basics of capital budgeting
- interpreting financial statements to evaluate business performance
- capital structure and its interaction with financial policy decisions

Prerequisite: ECON 1002, MATH 1105, ACCTNG 2400, INFSYS 2800, and a minimum overall GPA of 2.0.

Text: Ross, Westerfield, Jordan. Fundamentals of Corporate Finance 12th Edition, 2019 or 13th Edition, 2022, McGraw-Hill Irwin.
[We do NOT use Autoaccess. We focus on the materials posted on Canvas.]

Financial Calculator:
You need a financial calculator with PV, FV, and PMT functions. The videos use TI-BAII Plus model for demonstrations, although other models may work. Please get familiar with the operation of your calculator; follow the videos closely or read the handbook for guidance. You are responsible for knowing how to operate your calculator.

Grade:	Exam I: Sep 25 Mon, 6:00pm–11:59pm	160 pts (26.9%)
	Exam II: Nov 6 Mon, 6:00pm–11:59pm	160 pts (26.9%)
	Exam III (cumulative): Dec 11 Mon, 6:00pm–11:59pm	160 pts (26.9%)
	Weekly Quizzes and Homework	115 pts (19.3%)

Only ONE submission by Canvas is allowed for each quiz, homework, and exam. Please mark your calendar for the exam schedule.

Quizzes (22 mins), Exam I (90 mins), Exam II (90 mins), and Exam III (90 mins) are timed. Homework has unlimited time but must be submitted by due date. You may need an access code with your webcam on for the exams.

No make-up exams, quizzes, and homework will be given and late submissions are not accepted. For emergency reasons, you may have one-time one-day late submission for the quiz (not the homework and exam) with late penalty.

Optional tutorials on zoom may be provided for some difficult topics.

Do NOT post the course materials on any websites or share them with other people. Otherwise, you may fail in this course.

We will use the following grading scale:

90% and above	A
87% - 89.99%	A-
84% - 86.99%	B+
80% - 83.99%	B
77% - 79.99%	B-
74% - 76.99%	C+
70% - 73.99%	C
65% - 69.99%	C-
60% - 64.99%	D+
55% - 59.99%	D
50% - 54.99%	D-
<50%	F

Academic Integrity:

You are responsible for being attentive to and observant of University policies about academic honesty as stated in the [University’s Campus Policies](#) and [Code of Student Conduct](#) found in the UMSL Bulletin.

Students at the University of Missouri-St. Louis are expected to exhibit the highest standards of academic integrity. Any form of cheating and plagiarism in the exams and quizzes will earn you a failing grade for the

entire course.

Time Requirement: This is a 16-week online course that requires about 2.5-hr online video and reading time and another 3 hours to prepare for the exams, assignments, and quizzes per week. Time management plays an important role in the success in this course.

Technology Requirement:

As a student in an online course, you are expected to have reliable internet access almost every day. At a minimum, you need a computer with an updated operation system (e.g., Windows and Mac), updated internet browsers, ability to navigate Canvas, and a webcam and microphone. The exam policies may be revised.

It is your responsibility to have reliable internet access throughout the course, including taking the exams and quizzes on specific schedules. If you have any technological problems, please contact technology support center, <http://www.umsl.edu/technology/tsc/> Office number: 314-516-6034.

How to Succeed in This Course

Succeeding in this course, requires that you watch the lecture videos, do the weekly quizzes, follow along on your own computers, and ask me for help on zoom during office hours, or post your questions on the forum.

Canvas will be the primary means for communication of coursework and announcements to students. Please contact me via Email, Canvas Messaging, or make a zoom appointment with me on zoom.

Lectures (Subject to change)

Week 1 (Aug 21)

- Chapter 1: Introduction to Corporate Finance
- Chapter 2: Financial Statements, Taxes, and Cash Flow
- HW 0: Chapter 1 (Sections 1.1 and 1.2) (Aug 25, Fri)

Week 2 (Aug 28)

- Chapter 2: Financial Statements, Taxes, and Cash Flow
- Chapter 3: Working with Financial Statements
- HW 1: OCF and CFFA (Sep 1, Fri)
- Quiz 1: Chapters 1 and 2 (Sep 2, Sat)

Week 3 (Sep 4)

- Chapter 3: Working with Financial Statements
- Chapter 4: Long-Term Financial Planning and Growth
- HW 2: Percentage of Sales Approach and Ext. Financing Needed (Sep 8, Fri)

- Quiz 2: Chapters 3 and 4 (Sep 9, Sat)

Week 4 (Sep 11)

- Chapter 5: Introduction to Valuation: The Time Value of Money
- HW 3: Chapter 5 (Sep 15, Fri)
- Quiz 3: Chapter 5 (Sep 16, Sat)

Week 5 (Sep 18)

Sep 19: Last day to drop a course or withdraw from school without receiving a grade.

- Chapter 6: Discounted Cash Flow Valuation (Part I)
- Chapter 6: Discounted Cash Flow Valuation (Part II)
- HW 4: Discounted Cash Flow Valuation (Part I) (Sep 22, Fri)
- Quiz 4: Chapter 6 (Sep 23, Sat)

Exam I: materials covered from Week 1 to Week 5 (Sep 25, Mon 6:00pm-11:59pm)

Week 6 (Sep 25)

- Chapter 7: Interest Rates and Bond Valuation (Part I)
- HW 5: Chapter 7 (Sep 29, Fri)

Week 7 (Oct 2)

- Chapter 7: Interest Rates and Bond Valuation (Part II)
- Chapter 8: Stock Valuation
- Quiz 5: Chapters 7 and 8 (Oct 7, Sat)

Week 8 (Oct 9)

- Chapter 9: NPV and Other Investment Criteria
- HW 6: Chapter 9 (Oct 13, Fri)
- Quiz 6: Chapter 9 (Oct 14, Sat)

Week 9 (Oct 16)

Oct 16: Last day to drop a course or withdraw from school without instructor approval.

- Chapter 10: Making Capital Investment
- HW 7: Chapter 10 (Oct 20, Fri)
- Quiz 7: Chapter 10 (Oct 21, Sat)

Week 10 (Oct 23)

- Chapter 12: Some Lessons from Capital Market Efficiency
- HW 8: Chapter 12 (Oct 27, Fri)
- Quiz 8: Chapter 12 (Oct 28, Sat)

Week 11 (Oct 30)

- Chapter 13: Return, Risk, and Security Market Line
- HW 9: Chapter 13 (Nov 3, Fri)
- Quiz 9: Chapter 13 (Nov 4, Sat)

Exam II: Materials covered from Week 6 to Week 11 (Nov 6, Mon 6:00pm–11:59pm)

Week 12 (Nov 6)

- Review of Beta
- Practice Questions for Chapter 13
- HW 10: Practice Questions for Chapter 13 (Nov 3, Fri)

Week 13 (Nov 13)

Nov 13: Last day a student may drop a course or withdraw from school with instructor approval.

- Chapter 14: Cost of Capital
- HW 11: Chapter 14 (Nov 17, Fri)
- Quiz 10: Chapter 14 (Nov 18, Sat)

Thanksgiving Holiday (Nov 18 – 26)

Week 14 (Nov 27)

- Chapter 16: Financial Leverage and Capital Structure Policy
- HW 12: Chapter 16 (Dec 1, Fri)
- Quiz 11: Chapter 16 (Dec 2, Sat)

Week 15 (Dec 4)

- Chapter 17: Dividends and Payout Policy
- Chapter 24: Options (may not be covered)
- HW 13: Chapter 17 (Dec 8, Fri)

Exam III: Materials covered from Week 6 to Week 15 (Dec 11, Mon 6:00pm-11:59pm)

Title IX Policies

In adherence to the policies of Title IX and to promote a safe and secure educational environment, it is strongly recommended statements similar to those below be added to your course syllabus:

- **Mandatory Reporting:** Under Title IX, all UMSL faculty, staff, and administrators (with limited exception) are obligated to report any incidents of sexual harassment, sexual misconduct, sexual assault, or gender discrimination to the Student Affairs office and/or other University officials. This ensures that all parties are protected from further abuses and that victim(s) are supported by trained counselors and professionals. Note: There are several offices at UMSL (e.g., Counseling Services, Health Services, Community Psychological Service, Center for Trauma Recovery, and Student Social Services) whose staff are exempt from Title IX mandated reporting, when the information is learned in the course of a confidential communication.

Student Resources

Health, Counseling and Disability Access Services

“Health, Counseling & Disability Access Services is your one-stop shop for many of your medical and mental health needs. We're conveniently located on the lower level of the Millennium Student Center on UMSL's North Campus. We also offer accommodations to help bolster the learning experience for students with diagnosed disabilities.”

<http://www.umsl.edu/hcdas/> Office number: 314-516-5671

Office of International Students and Scholar Services

“The International Student & Scholar Services (ISSS) unit coordinates services for undergraduate and graduate international students & scholars, including visa and immigration matters, information requests, credential evaluations, non-academic advising, initial campus arrival, orientation, and referrals to other campus academic and non-academic departments.”

<https://www.umsl.edu/global/iss/index.html> Office number: 314-516-5229

Student Enrichment and Achievement

“The Office of Student Enrichment & Achievement provides comprehensive academic support and intervention strategies to students within targeted populations on their road to graduation!”

<https://www.umsl.edu/services/sea/> Office number: 314-516-5300

Office of Multicultural Student Services

“MSS strives to create a strong inclusive community amongst students, faculty, and staff that personifies respect, accountability and acceptance, while supporting and empowering students to achieve degree completion. Strong partnerships and collaborations across the campus and the St. Louis community are established to promote student learning and development, engagement, persistence and success to aid in closing the achievement gap.”
<https://www.umsl.edu/~mcraa/> Office number: 314-516-6807

Online Mentor Program

“The OMP helps students with: Canvas orientation, Acclimation to the online course environment, course tools such as VoiceThread, Google Apps for Education, Panopto, Kaltura, ProtorU, academic success in online classes, strategic planning around time management, stress management, student skills, test anxiety, and more!”
<https://www.umsl.edu/services/ctl/studentsupport/omp.html> Office number: 314-516-4210

Instructor Bio:

Yiuman Tse, PhD, CFA, FRM

[Dr. Yiuman Tse](#) is an endowed chair and professor of finance at the University of Missouri–St. Louis since 2012. He received his BS (engineering) from the University of Hong Kong, MBA from SUNY–Binghamton, and PhD from Louisiana State University. His research interests are international investments and financial markets, FinTech, and Applied Econometrics. He has about 130 articles published in *Review of Financial Studies*, *Journal of Financial and Quantitative Analysis*, *Journal of Econometrics*, *Management Science*, *Journal of Banking and Finance*, *Journal of Financial Markets*, *Journal of International Money and Finance*, *Journal of Empirical Finance*, and others. Dr. Tse appears in the [world’s top 2% of most-cited scientists](#) list by Stanford University in 2021. Dr. Tse has received teaching awards from different universities, including the 2006 President’s Distinguished Achievement Awards for Teaching Excellence at the University of Texas at San Antonio. He is a CFA charterholder and certified Financial Risk Manager.