

East Texas A&M University

FIN 550 – Advanced Financial Modeling – 81E (85556)

Fall 2026 Syllabus

Instructor: Dr. Sharier Azim Khan, CFA
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Office: BA 305 (inside BA 301)
Office Hours: Virtual -- Wed 9:45-11:45am & 2:00-3:00pm (zoom link available in D2L)
In-person -- Thurs 9:45-11:45am

Class Room: Campus: Dallas Room: 814
Class Times: Tue, Thurs 6:20pm-9:00pm

Course Description

This course is intended for graduate students who wish to learn the application of rigorous computational methods and to implement them to concepts of finance studied in introductory and other advance finance courses using software programs like Microsoft Excel. The course provides students with the opportunity to develop the skills needed to build financial models. The course primarily focuses on models used for valuation, capital budgeting, cost of capital and portfolio models. This course is a hands-on, assignments-based course focusing on getting students to work with Excel to solve computational problems from a broader range of finance concepts.

Course Materials

Textbook (recommended): Principals of Finance with Excel, 3rd Ed., by Simon Benninga and Tal Mofkadi (Oxford University Press).
Financial calculator (required): Texas Instruments BAI Plus or BAI Plus Professional
Laptop/Desktop (required)*: Microsoft (MS) Excel and Webcam

**Note: iPad or cell phone will NOT support the proctored exams*

Grading System

Course total score will be based on the following components as below:

Project Assignment	=	30 points
Mid-Term Exam	=	30 points
Comprehensive Final Exam	=	40 points
Total	=	100 points

Grades will be based upon the following standard:

90 points or above	=	A
80 --- 89 points	=	B
70 --- 79 points	=	C
60 --- 69 points	=	D
Below 60 points	=	F

Note: Instructor reserves the right to modify the above grading system with prior announcement in class or thru D2L/ email

Course Requirements

This course will use the MyLeo (D2L Brightspace) course management system. Please check the D2L regularly for course information, class lecture materials, homework, exam dates and announcements. D2L exams typically will have due dates and will not be available for submission after the due date. Because technical problems may arise, please do not wait until the last minute to complete assignments and quizzes. Use only Chrome to access this course on MyLeo (D2L Brightspace). D2L is a Windows-based product. Safari, Firefox, Edge, Internet Explorer (IE) are not supported browsers. Often your exam/ homework is not fully visible/accessible from browsers other than Chrome. If you are using a Mac iOS, you must download the Chrome app. However, the app does not fully guarantee your full accessibility.

Examinations

Exams will be primarily of an objective nature, e.g., problem solving, true-false, and multiple-choice. You will need your financial calculator/ MS Excel for each exam. You must not discuss exam contents with any other person. You are on your honor to help preserve the integrity of the exam. Make-up exams will ONLY be considered under extenuating circumstances. Work, personal travel, etc. are NOT extenuating circumstances. Extenuating circumstances would include school sponsored excused event (communicated by faculty advisor/coach), hospitalization, medical emergency, physical injury, or death of an immediate family member. You will be required to provide proof of the extenuating circumstance to be approved for a make-up exam. Make-up exams for students attending school-sponsored events, are scheduled before event departure. Please note that online Exams may be proctored as per College of Business procedures. For ANY eligible accommodation during EXAM, the accommodation MUST be APPROVED by Student Disability Services (SDS) PRIOR to receiving accommodation.

Ungraded Homework

There will be several ungraded HomeWorks given during the term through D2L. Each homework will typically cover a chapter and may include both conceptual and problem questions.

Tentative Course Schedule

	Chapter/ Exam/ Others
Week 1	Chapter 1: Introduction and basics Chapter 2: Time value of money
Week 2	Chapter 3: Measures for evaluation Chapter 6: Capital budgeting
Week 3	Chapter 7: What is risk Mid-Term Exam*: Chapters 1-3 and 6-7 on Sep 11-13
Week 4	Chapter 8: Portfolio statistics Chapter 9: Portfolio diversification
Week 5	Chapter 10: Risk Diversification Chapter 11: CAPM
Week 6	Chapter 12: Performance evaluation Chapter 15: Bond valuation
Week 7	Chapter 17: Options Project Assignment Due on Oct 11
Week 8	Comprehensive Final Exam* on Oct 10-12

*** Please note that online Exams may be proctored as per College of Business procedures.**

Note: All dates are tentative and may be changed with prior announcement in class or thru D2L/ email.

Use of Artificial Intelligence (AI)

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words. **Any use of such software must be documented.** Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism). In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. **This specifically includes cases in which the AI plagiarized another text or misrepresented sources.**

Students' Mental Health Support

The Counseling Center, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Students with Disabilities

The Americans with Disabilities Act (ADA) is a Federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities.

If you have a disability requiring an accommodation, please contact:

Office of Student Disability Services

Email: StudentDisabilityServices@etamu.edu

Web: <https://www.tamuc.edu/student-disability-services/>

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99. R0.03

<https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03.pdf>

Graduate Student Academic Dishonesty 13.99.99. R0.10

<https://inside.tamuc.edu/aboutus/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10.pdf>

Nondiscrimination Statement

East Texas A&M University will comply in the classroom, and in online courses, with all Federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status.

Campus Concealed Carry

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:

<https://inside.tamuc.edu/aboutus/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M- Commerce campuses. Report violations to the University Police Department at 903- 886-5868 or 9-1-1.