

Calculator Loan Program: The Mathematics Department has set up a calculator loan program to support students. Students can borrow a calculator for a semester with a fee (\$10 to \$15 for TI-83/84). It is first come, first served basis.

Course Description

We will cover chapters 2, 3, 4, 5 and parts of chapters 6 and 8. Topics include functions (linear, quadratic, polynomial, rational, exponential and logarithmic), mathematics of finance (simple and compound interest, future and present value of an annuity, etc.), probability and statistics, linear programming, and systems of linear equations and matrices.

Student Learning Outcomes: Upon successful completion of this course a student will:

- 1) Demonstrate knowledge and understand various compound interest formulas.
- 2) Utilize statistical methods to interpret and predict data.
- 3) Use matrices and other methods to solve systems of equations.
- 4) Understand different types of functions and their graphs, including to but not limited to linear, quadratic, exponential and logarithmic.
- 5) Demonstrate using logarithms to solve problems.
- 6) Demonstrate using inequalities and systems of inequalities to solve business application problems.

Core Objectives:

1. **Students will be able to analyze, evaluate, or solve problems when given a set of circumstances, data, texts, or art.** This common core objective will be assessed in the exams and final exam for all sections of Math 1324.
2. **In written, oral, and/or visual communication, A&M-Commerce students will communicate in a manner appropriate to audience and occasion, with an evident message and organizational structure.** This common core objective will be assessed using common class activities/projects with class discussion over functions, finance, systems of equations and linear inequalities and how these topics relate to business for all sections of Math 1324.
3. **Students will be able to interpret, test and demonstrate principles revealed in empirical data and/or observable facts.** This common core objective will be assessed using class activities, homework problems, exams and final exam for all sections of Math 1324.

The syllabus/schedule are subject to change.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students need to check their e-mail regularly with the address that they have provided to the instructor for class announcements. Access to MyMathLab, a computer, and the internet will be needed for online homework assignments.

Instructional Methods

Instruction will include lecture, demonstration and models, and some group work, based on time available.

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Assessments

COMPETENCY EXAM: A competency exam will be given during class-time and will cover the prerequisite materials for business math. Calculators will be allowed for competency exams. This test must be passed with an 80% or better for the grade to be recorded. Scoring below 80% will result in a zero being recorded. You may take a retake of the exam in the testing center (SS 308) as often as 3 times a week, but you must receive a score of 80% or better by the deadline, or a zero will be recorded in the grade book. The competency exam represents 10% of the final grade for this course. Students who do not pass the competency exam will receive a grade of zero for that 10% of the final grade. The deadline for completion of retakes is **February 24th, 2020 by 5:00 PM**. Note: These skills are necessary to be successful in this course.

TESTS: We will have three 100 point tests plus a comprehensive final. A **TENTATIVE** test schedule is below, but that is subject to change. In general, **no makeup tests will be given**, although you may replace your lowest exam grade with the final exam grade.

Test 1: Week of 2-17-20

Test 2: Week of 3-20-20

Test 3: Week of 4-24-20

FINAL EXAM: The comprehensive final will be given on **Mon., May 4th 10:30AM-12:30PM**

GLOBAL COURSE: This course has been selected as a Global Course – tied to the Quality Enhancement Plan (QEP). Texas A&M University-Commerce QEP seeks to prepare students

The syllabus/schedule are subject to change.

for an interconnected world. In relation to the QEP, students completing this course will be able to demonstrate knowledge of the interconnectedness of global dynamics (issues, trends, processes, and systems), apply knowledge of the interconnectedness of global dynamics, and view themselves as engaged citizens within an interconnected and diverse world. This course will provide activities, experiences, and opportunities to reach all of the QEP learning outcomes. One of the class projects in this course will be utilized to assess the QEP student learning outcomes for each student. **Students are responsible to upload a copy of the project to their ePortfolio in ManeSync.**

HOMEWORK: Homework will be completed online through MyMathLab and immediate feedback will be given. Remember, you can try problems you miss online again until you get them right and fully understand the topic. **It is my expectation that you should have a 100 on each homework assignment because of this.** Online due dates should be observed, and in general, late submissions will not be accepted. Quizzes will occasionally be given in class over the material presented in the homework. In general, NO makeup quizzes will be given. All work should be done in pencil.

PROJECTS: You will have 2-3 application projects due, in which you will be asked to demonstrate the skills and concepts learned in class in a practical way. You will be given advance notice as to the due date of these projects. Accuracy and creativity in these projects will be expected.

GRADES: Tests: 50%
Competency Exam: 10%
Homework/Quizzes/Tutoring Attendance/Projects: 15%
Final: 25%

Each student's average for the course will be posted in your MyLeo account. To access the course, you will go into MyLeo and the "Apps" and look for the app for "MyLeo Online (D2L Brightspace)". You should see directions to choose your course from the course grid that looks like:



Once you have chosen the correct course, you will be able to see your "grades" option.

TUTORING AND GETTING HELP:

At least 1 hour of tutoring per week is **REQUIRED**. Tutoring can include attending SI sessions, TRIO tutoring, and tutoring in the math skills center (Binnion 328).

There may be an SI tutor for this course. This upper level student attends class with you and holds free weekly study sessions specifically designed for this course. I will announce in class when and where these sessions will be. If you need additional help outside my office hours or outside the times of the SI sessions, the Math Skills Center in Binnion 328 offers free tutoring Monday and Wednesday from 8am – 8pm, Tuesday and Thursday from 8am – 6pm, and Friday from 8am – 12pm.

The syllabus/schedule are subject to change.

The Mach III/TRIO Program is available for students who qualify for additional resources, such as private tutoring. In order to qualify, students must meet certain conditions, such as being a first-generation college student. For more information, contact Ronnie Brooks at 903-886-5833 or in the Halladay Student Services building, Room 301.

STUDENT BEHAVIOR: Appropriate classroom behavior is required to attend this class. All cell phones must be put on silent during class. Phones are a distraction for me and the other students in the class. All people will be treated with respect and I will not allow talking that will disrupt my lectures. If disruptions occur during class lectures, you will be asked to leave class and will earn a zero on any applicable grades for that class period. Serial disrupters will be asked to withdraw from my class.

GRADE REPORTING FOR FIRST YEAR STUDENTS: Grades for students in freshmen level classes will be reported to the Registrar's Office at the end of the fifth week of class during the fall and spring semesters. The Registrar's Office will report grades to students, Advising Services, Academic Departments (faculty advisors) and mentors. This procedure will allow students to be knowledgeable about their academic progress early in the semester. The university, through Advising Services, faculty advisors and mentors, will take steps to assist students who may be experiencing difficulty to focus on improvement and course completion. Early intervention for freshman students is designed to communicate to students the University's interest in their success and willingness to participate fully to help students accomplish their objectives.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

The syllabus/schedule are subject to change.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

TAMUC Attendance

ATTENDANCE and CONTINUAL ENROLLMENT POLICY: Class attendance is expected and a **MUST** to pass this course, and it is your responsibility to attend punctually and regularly. Roll will be taken every class period and excessive absences will result in being dropped from this course.

In addition, Math 1324 is a University Studies math requirement, and as such the university requires each student to remain continually enrolled in a math course until he/she has

The syllabus/schedule are subject to change.

successfully completed the college-level math requirement. Because of this policy, you are **NOT allowed to drop this course.**

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

While majority of students are honest in doing their school work. However, due to recent cheating events, action must be taken to protect the academic integrity of classrooms. **There is a NO TOLERANCE policy for cheating and if a student is caught cheating, he/she will either get a zero for the test or fail this course.** Cheating in this course is defined as the following:

- Giving or receiving answers during an exam or quiz.
- Viewing the exam or quiz answers of nearby classmates.
- Having notes/practice work available during quizzes or tests.
- Possession or access to test items before the test is given.
- Deception in getting an excused absence to obtain the undeserved opportunity to make-up work.
- Use of cell phones or text messaging technology during exams or quizzes.
Students may NOT use the calculator on their cell phones or any other similar electronic devices (such as I-Pods, I-Touch, etc.). IF ONE OF THESE DEVICES IS AVAILABLE, IN ANY WAY, DURING AN EXAM OR QUIZ, THE STUDENT WILL BE GIVEN AN AUTOMATIC “0” ON THE ASSIGNMENT.
- Improper citations in written works, or using another person’s ideas and words as students own without giving proper credit.
- **Any** method, no matter how well rationalized or accepted, which improves a person’s grade by any means other than study and skillful performances on exams and/or other assignments.

Students found guilty of an act of academic dishonesty in this course will be subject to receiving an “F” in this course.

Students at Texas A&M University-Commerce 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](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

The syllabus/schedule are subject to change.

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

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 Resources and Services

Texas A&M University-Commerce

Gee Library- Room 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce 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. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce 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 A&M-Commerce 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:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

The syllabus/schedule are subject to change.

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.

By remaining enrolled in this course, you are agreeing to abide by these policies:

COURSE OUTLINE / CALENDAR

Week 1 (Jan. 13-17) Syllabus, Review, 1.2 & 2.1

Week 2 (Jan. 20-24) MLK DAY HOLIDAY, 2.2 & 2.3

Week 3 (Jan. 27-31) In-Class Competency Exam & 2.4

Week 4 (Feb. 3-7) 4.1 & 4.2

Week 5 (Feb. 10-14) 4.3 & Exam 1 Review

Week 6 (Feb. 17-21) Exam 1 & 2.5

Week 7 (Feb. 24-28) 2.6 & 3.1 **Deadline for the Comp. Exam is Feb. 24******

Week 8 (Mar. 2-6) 3.2 & 3.3

SPRING BREAK: Mar. 9-13

Week 9 (Mar. 16-20) 3.4, Exam 2 Review & Exam 2

Week 10 (Mar. 23-27) 8.1, 8.2 & 8.3

Week 11 (Mar. 30-Apr. 3) 8.4 & Mean, Median, Mode & 8.5

Week 12 (Apr. 6-10) Standard Deviation, Normal Distribution & 5.1

Week 13 (Apr. 13-17) 5.2 & 5.3

Week 14 (Apr. 20-24) Wrap Up, Exam 3 Review & Exam 3

Week 15 (Apr. 27-May 1) Review for Final Exam

Week 16 (May 4-8) Finals Week **Final on Mon., May 4th 10:30AM-12:30PM******

The syllabus/schedule are subject to change.