



TAMUC

**Math 1324.01W – Mathematics for Business Applications I
(WEB BASED CLASS)
SUMMER I 2019 (June 1-July 2)
COURSE SYLLABUS - 3 semester credit hours**

INSTRUCTOR INFORMATION

Instructor: Hanan Kuzat

Office Location: Binnion 320

Office Hours: Monday & Wednesday: 1:00PM–2:30PM online: You SeeU-Virtual Classes on D2L or Zoom. Any other hours will be by appointment.

Office Phone: 903-886-5954 will not be available in office due to COVID-19

Office Fax: 903-886-5945

University Email Address: Hanan.Kuzat@tamuc.edu

Preferred Form of Communication: Email.

Response Time: Within 24 hours Monday through Friday.

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings Software Required: Students must purchase a copy of MyMathLab/MyLab & Mastering student access code from either of the campus bookstores or directly from Pearson at <http://www.coursecompass.com>.

Note: If a student purchased a MyMathLab access code for Math 1314 or 1324 since Fall 2019, a new code purchase may not be required.

Textbook(s) Optional: College Mathematics for Business, Economics, Life Sciences, and Social Sciences 13th Edition by Barnett, Ziegler, Byleen, ISBN # 978-0-321-94551- 8.

The MyMathLab access code includes access to an e-book, so the book is optional but the MyMathLab access code is required. Some Chapters 10-15 in the textbook will be discussed.

Optional Texts and/or Materials: Please get a Binder to keep and organize all notes and course materials. A Texas Instruments (TI-83 or TI-83 Plus) graphing calculator for this course is highly recommended. All exams must be completed online and written work should be emailed to instructor. Please use the MyMathLab 14 day free trial to start working on homework if you cannot purchase it right away. The MyMathLab student access code must be purchased by the end of 1st week of class to prevent a loss in points.

Technology Requirements:

- The graphing calculator of TI 83/TI 84 or equivalent will be highly recommended. Calculators that solve problems for students, including but not limited to TINspire, TI 89 or higher, Casio Prizm, Casio Touch or higher are NOT allowed to be used for this online class. Students are also required to clear the memory of graphing calculators before and after each exam.
- Printer to print activities or projects is recommended.
- Scanner/digital camera/cell phone that you can take pictures of your work and submit them in PDF format is required.
- See more technology requirement below (on page 6 & 7).

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:

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

Core Objectives:

- 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.
- 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 online activities/projects over functions, finance, systems of equations and linear inequalities and how these topics relate to business for all sections of Math 1324.

- 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.

COURSE REQUIREMENTS

Minimal Technical Skills Needed: A successful student in this course will need to have regular access to a computer with internet in order to complete online homework and other online assignments through D2L. Because of the online nature of this course, students will also need to login into D2L and check email daily for class announcements. Since this class is online, certain considerations need to be made.

Please read the following paragraphs carefully. You will have to be self-motivated in order to be successful in this class. You will also be required to learn on your own for much of the material unless you seek outside tutoring help. Furthermore, all exams must be taken online. Please take this under consideration. You may contact your instructor if you have any questions about this.

Instructional Methods:

- Instruction will include video lectures (by the professor) posted under D2L, demonstration and models, and some group activity, based on time available.
- This is a condensed 4 weeks course and there will be work to do every day Monday-Thursday much like a face-to-face course.
- You will need to plan to watch videos on course content every class day.
- The daily video lengths are between 45 minutes and 85 minutes per day, depending on the topic. And for this summer semester, there should be more than one video on daily basis.
- Keep in mind, this is intended to replace the 110 minutes you would be in class every day Monday-Thursday in a face-to-face course.

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

Course Evaluation Methods This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course

Exams: You will have two-100 point exams plus a comprehensive final. A TENTATIVE exam schedule is below, but that is subject to change.

Replacing a Low Test Grade: As emergency situations may arise that affect a student's

performance on an exam or even prevent a student from attempting a test. However, in general, make-up exams or time extension will NOT be allowed unless confirmed ahead of time and accompanied by a documented, University excused absence. Therefore, the student's ONE lowest exam score (between exams 1 & 2) will be replaced with the final exam score, if it is higher. The two exams and the final exam will be ONLINE and must be taken on time before due date. A practice review and answer key will be provided prior to the exam.

You should work all exam's questions, completed on your own paper, on the top of the paper you will write the Honesty Statement: "On my honor, as a student, I have neither given nor received unauthorized aid on this academic work," and sign under that statement, scan the sheet(s) as a PDF document and turned in as ONE PDF document, Again, please ensure that your name is written on all pages so that, when printed to be graded, your name is still attached to the work. Partial credit may be given on exams IF all work is neatly shown for determination of the student's mistakes. The following are tentative test dates. The date ranges to take exams will also be clearly posted on D2L.

Competency Exam: **June 8-9 (on Monday and Tuesday of Week 2)**

Exam 1: **June 15-16 (on Thursday and Friday of Week 3)**

Exam 2: **June 29-30 (on Monday and Tuesday of Week 5)**

Final Exam: Comprehensive final exam will be available between **Wednesday July 1st 9:00AM** and **Thursday July 2nd 11:00PM**

Online Homework & Quizzes: Homework will be completed online through MyMathLab and immediate feedback will be given. You will have an unlimited number of attempts to complete an assignment by the due date given and your highest grade will be recorded. You will see variations of these problems on tests. 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. So completing the online homework problems is strongly encouraged! The Course ID is going to be provided on the first day of class under D2L.

Online due dates for homework and quizzes will usually be Sundays. In general, late submissions will not be accepted. Quizzes will occasionally be given once a week over the material presented in the homework. In general, NO makeup quizzes will be given.

Grades:

Exams: 50%

Competency Exam: 10%

Homework/Quizzes/Attendance 15%

Final Exam: 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)". Once you have chosen the correct course, you will be able to see your "grades"

option. You should see directions to choose your course from the course grid that looks like:



TUTORING AND GETTING HELP

Tutoring in this course is strongly recommended.

Math Skills Center and the **Academic Success Center** (library tutoring) will continue to be offered in an online format this summer, both as courses in the D2L course management system.

The following link will allow you to sign up for online tutoring. Try to use this service offered through our school and get the help you need to succeed in your course.

Math Skills Center (MSC) will be open during their normal summer hours of Monday - Thursday, 10am - 2pm, and will still offer tutoring through Calculus 1, with other courses optional to the tutor, depending on the tutor's experience and willingness to assist.

Excerpts from the **MSC** course shell:

1. We are placing the tutor schedule in the "Content" tab at the top left of the page, under the "Overview". If you have a particular tutor you normally work with, you can go there to look for the tutor's availability. Tutors will be available here in the D2L shell on Mondays through Thursdays, 10am - 2pm.
2. To get tutoring from a Math Skills Center Tutor, go to the "Activities" tab above and click on "Discussions". There is a forum started for requesting help from a tutor. You can type your questions, or take a picture/screen shot and upload it (to upload, use the icon that kind of looks like an arrow or a "play" button, and you will see lots of options for uploading stuff. If a tutor can type the answer or upload something in the thread, then they will. Otherwise, they will give you separate directions for how to proceed to a personalized chat space.
3. If needed, a tutor may ask you to access the "YouSeeU" tab at the top of the page, or they may send you an email invitation to join a YouSeeU meeting. During these YouSeeU meetings, the tutors will be able to share content with you and, if you have a webcam and/or microphone/headset, the tutors can visit with you verbally about questions you may have.

Academic Success Center (ASC): has tutors in a ASC D2L shell, we are able to tutor virtually and in real time, by appointment. The tutors will not have any access to your courses, but can send out links to any student who can join their tutoring session.

1. Student will need to go to EAB, (in your My Leo apps) on student home page blue bar on right side "Get Assistance"
2. Student will need to indicate which course, what time and date they are requesting tutoring.

3. Then the request will be field to the tutor who is scheduled to work at that time, then the tutor will get the meeting set up through the YouSeeU-Virtual classroom.
4. When the tutor gets the meeting set up, they will then email a url link to the student.
5. SI Leaders can set up the meeting and email the class so they can attend if they want to. SI Leaders will then go in and file reports for students once the session is done.

ASC also offers another online system for students with www.tutor.com/tamuc available to our undergraduate students. If you need more time you just need to email Jodi.White@tamuc.edu.

Try to use those many free online resources that can be utilized for tutoring in addition to emailing me your questions.

The key to success in this course: is regularly working with other students in the class, doing the homework early and asking questions when you have them!!! We will discuss some homework problems in class as needed, but there will often not be enough time to discuss all of them. Please come to office hours or visit the math tutoring lab if you have additional questions about the homework.

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 second week of class during the Summer I semester. 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

Online Learning Management System: 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>

Browser Support: D2L is committed to performing key application testing when new browser versions are released. New and updated functionality is also tested against the latest version of supported browsers. However, due to the frequency of some browser releases, D2L cannot guarantee that each browser version will perform as expected. If you encounter any issues with any of the browser versions listed in the tables below, contact D2L Support, who will determine the best course of action for resolution.

Note the following:

- Ensure that your browser has JavaScript and Cookies enabled.
- For desktop systems, you must have Adobe Flash Player 10.1 or greater.
- The Brightspace Support features are now optimized for production environments when using the Google Chrome browser, Apple Safari browser, Microsoft Edge browser, Microsoft Internet Explorer browser, and Mozilla Firefox browsers.
- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
 - o 512 MB of RAM, 1 GB or more preferred
 - o Broadband connection required courses are heavily video intensive
 - o Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- You must have a:
 - o Sound card, which is usually integrated into your desktop or laptop computer
 - o Speakers or headphones.
 - o For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required. •
- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: JAVA web site <http://www.java.com/en/download/manual.jsp>
- Current anti-virus software must be installed and kept up to date.
- Running the browser check will ensure your internet browser is supported.
 - o Pop-ups are allowed.
 - o JavaScript is enabled.
 - o Cookies are enabled.
- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
 - o [Adobe Reader](https://get.adobe.com/reader/) <https://get.adobe.com/reader/> Adobe [Flash Player](https://get.adobe.com/flashplayer/) (version 17 or later) <https://get.adobe.com/flashplayer/>
 - o [Adobe Shockwave Player](https://get.adobe.com/shockwave/) <https://get.adobe.com/shockwave/>
 - o [Apple Quick Time](http://www.apple.com/quicktime/download/) <http://www.apple.com/quicktime/download/>
- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission,

will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.

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.
- 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 PROCEDURE

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](#)

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>

ATTENDANCE and CONTINUAL ENROLLMENT POLICY

Attendance: To be counted as having attended this class for each week, you will need to be actively viewing lecture videos and using MyMathLab for instructional videos and working assignments online every week. You will communicate with your instructor through email and Virtual Office Hours on D2L throughout the semester. Please respond to instructor's emails in a timely manner. Attendance is a must to be able to do well in this class. It is expected that students follow the guidelines set forth by the Class Attendance Policy in the current Undergraduate Catalogue.

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.

Specific additional disciplinary action for these offenses may include any combination of the following:

- Point deduction of an assignment
- Failure of an assignment
- A grade of zero for an assignment

- Failure of this course
- Referral to the Academic Integrity Committee or department head for further action
- Referral to the Dean of the College of Science and Engineering, and other Deans as appropriate
- Referral to the University Discipline Committee

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>

[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:

<https://www.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.

COURSE OUTLINE / CALENDAR

Week 1: [Introduction, 1.2, 2.1] [2.2, 2.3] [2.4, 4.1] [4.2, 4.3]
Week 2: [Competency Exam Review, Competency Exam] June 8-9 (on Monday and Tuesday of Week 2) [2.5, 2.6] [3.1, 3.2] [3.3, 3.4]
Week 3: [Exam 1 Review, Exam 1] June 15-16 (on Thursday and Friday of Week 3) [8.1, 8.2] [8.3, 8.4] [Central Tendency, 8.5]
Week 4: [Standard Deviation, Normal Distribution] [Normal Distribution] [5.1, 5.2] [5.3, Exam 2 Review]
Week 5: [Exam 2 Review, Exam 2] June 29-30 (on Monday and Tuesday of Week 5) [Final Exam Review] [Final Exam] Final Exam on Wednesday July 1nd 9:00AM – Thursday July 2nd 11:00PM

This schedule is subject to change by the instructor. Any changes to this schedule will be communicated by email and online announcements (in D2L).