

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICS

Course Number: 1320, CRN 21449
Credit Hours: 3
Term: Spring 2019
Course Meeting Time: None – course is entirely online via WebAssign.
Prerequisite Courses: M0311 or TSI score between 350 – 390 or placement by previous Accuplacer scores
Instructor: Nada Al-Hanna
Office Location: Bell Hall 325
Contact Info: (915) 747-8898
E-mail: nfalhanna@utep.edu
Office Hours: MW (11:00am-12:00pm & 1:30pm-2:30pm) or by appointment.
Textbook, Materials: Finite Mathematics & Applied Calculus, Waner and Constenoble, 7th Edition.
WebAssign Class Key: utep 8697 7104

Required Technology: MS Excel and a WebAssign account.

WebAssign: WebAssign is an online Course Management System of Cengage, the publisher of our text. **You must have reliable internet in order to take an online course.** You will use the instructions below to access and register for WebAssign. **WebAssign has a 14 day free trial so that you may access your course work immediately.**

Instructions to access and register for WebAssign:

To access your course on webassign, go to the www.webassign.net and follow these steps:

- 1) Click on “Enter class key”
- 2) Enter the class key: utep 8697 7104

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| utep | 8697 | 7104 |
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- 3) Verify the section number and instructor name, then enter your information. Please make sure that you use your miners email and that you remember the password that you create.
- 4) The next time you log in, you just click on “log In” and enter your miners email that you used and the password that you created.

You will be given a two-week grace period during which you will be able to log in without an access code. You will need to purchase an access code to log in as soon as possible and before this period ends. If you purchased a new book from the UTEP bookstore, then the code should have come with it.

Course Information:

Math 1320 is a pre-calculus course for liberal arts, business and other non-science majors. The topics covered include:

- Linear, quadratic, exponential, and logarithmic functions
- Systems of linear equations
- Matrix algebra
- The mathematics of finance
- The algebra of sets
- Probability

Students will learn mathematical concepts and methods used in management, social science, and business. Students will develop the view that mathematics is an evolving discipline that is interrelated with human culture. Students will also understand the connections of mathematics to other disciplines.

Daily Activities:

Daily activities (24%) are: **Assigned Readings** 4%, **Practice Problems** 5%, and **Homework** 15%. You will be responsible to access WebAssign to review the lessons in the e-text, watch all the videos, tutorials, and PowerPoints given in the daily activities, ask questions about the lessons and submit each assignment on time.

Assessment:

Your overall grade will consist of the weighted average of your scores on the **daily activities, three exams**, and the **Comprehensive final exam**. **The final exam both counts as 25% of your grade and if it benefits you, the score you receive on the final exam will replace your lowest exam score. The final exam is required.**

Please see the Course Calendar for both the due dates and the availability dates for the exams.

If a student receives a grade of “D” or “F”, then they may register for Maymester workshop or take a comprehensive TestOut exam. A grade of 70% or better on the written comprehensive Maymester final exam or a 70% or better on the comprehensive TestOut exam, will replace a failing course grade with a grade of “C”. (A grade change form will be signed and submitted by the coordinator for Math 1320, Ms. Nada Al-Hanna.).

Grading Policy:

The usual grading scale will be used for this course (90%-100% is an A, 80%-89% is a B, etc.)

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| Three exams | 51% (17% each) |
| Daily activities | 24% |
| <u>Comprehensive final exam</u> | <u>25%</u> |
| Total | 100% |

Make-up Policy:

A make-up exam will only be given in extraordinary circumstances (severe illness, death in immediate family), and with appropriate documentation (e.g. doctor's note).

Attendance Policy:

If you do not submit any assignments onto WebAssign by 11:59 PM on Wednesday, January 30th, then you will be dropped from this class for lack of effort. You are expected to work toward completion of the course assignments **daily**. There will be no set times that you must be on line, however, **if you do not submit any assignments onto WebAssign for two consecutive weeks, then you will be dropped from this class for lack of effort.** You are expected to log into Webassign and work on the course assignments daily. Also, you must read any announcements that are posted on your Webassign homepage and on Blackboard. Check your miner's email for any Webassign notification emails and other emails that I may send **you**.

Academic Integrity Policy:

The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Each student is responsible for notice of and compliance with the provisions of the Regents' Rules and Regulations, which are available for inspection electronically at <https://www.utsystem.edu/offices/board-regents/regents-rules-and-regulations>.

All students are expected and required to obey the law, to comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents' Rules and Regulations, U. T. System or University rules, specific instructions issued by an administrative official or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.

Disability Statement:

If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact The Center for Accommodations and Support services (CASS) at 747-5148 or at <cass@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.

Military Statement:

If you are a military student with the potential of being called to military service and/or training during the semester, please contact me by the end of the first week of class

Course Schedule:

See last page

Technology:

A TI-83 or TI-84 (or similar) graphing calculator is recommended.

Drop Deadlines:

The last day to drop the course without a "W" is Wednesday, February 6th. The last day to drop the course with a "W" is Friday, April 5th. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by April 5th. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that date.**

Tutoring:

The MaRCS tutoring center offers free tutoring and is located at the UTEP library room 218. **The MaRCS tutoring center also offer free online tutoring for your course via Blackboard Collaborative Ultra (hours for tutoring will be emailed to you).**

There are several useful features of WebAssign designed to give extra help. There are numerous private tutors available. Please also make use of the instructor's office hours.

Websites:

[WebAssign](#)
[UTEP Math 1320 website](#)
[Instructor website](#)

Class Procedures

We will use WebAssign exclusively for this course. Blackboard will only be used for additional resources.

- 1) On the first day of class January 22, you must use the provided **WebAssign** Class Key to create your account on Webassign and start working on your assignments (Please see Attendance Policy)
- 2) **The first assignment you should complete is called Entering Math Answers in Enhanced WebAssign. In fact, you won't be able to access any other assignments until you score 100% on this one (it is very easy, it's just showing you how to enter things into WebAssign).**
- 3) Once you complete that first assignment, I strongly suggest that you follow this order on all sections: first complete the Assigned Reading, then the Practice assignment, and lastly do the Homework assignment. The first two count for a small part of your overall grade (4% and 5% respectively), and the homework is worth the most (15%). The first two assignment types are there to help you get ready for the Homework assignment.
- 4) For Assigned Readings and Practice Problems - you have unlimited submissions per question, you can save your work as you go without using a submission, you will have a 5% bonus if you submit your assignment 24 hours before the due date and you will have access to Tools such as read about it, watch it, master it and practice another version. For

homework you will have 5 submissions per question, you will earn 5% for early submission BUT you will NOT have access to tools; likewise, for exams you will not have access to tools.

- 5) **Try to keep up with the calendar on the syllabus.** We cover one or two sections per week. Each section consists of the three assignments I mentioned earlier (Assigned Readings, Practice, and Homework). There are **no extensions** on Exams without a documented reason, so you need to keep up on the work so that you'll be ready for the exams when they come.
- 6) **You can get extensions for the Daily Activities Assignments.** For Assigned Readings and Practice assignments, you can get the extensions automatically with no penalty. Once the assignment due date has passed, click on Past Assignments and then click on "Ask for Extension". **You can do this up to two weeks after the due date**, and once you ask for the extension you get an extra two days to finish the assignment. **For Homework assignments**, you can get the extensions automatically **with 15% penalty**. Once the assignment due date has passed, click on Past Assignments and then click on "Ask for Extension". **You can do this up to two weeks after the due date**, and once you ask for the extension, you get an extra 2 days to finish the assignment. The best thing to do is to get your work done on time. If you rely too much on taking extensions, you will get too far behind and not be prepared for the exams when then come. **You cannot ask for extensions after dead day, May 10.**

I hope this will help you get started in the course. You should be able to start working on the WebAssign assignments beginning on Tuesday, 1/22. **Please log in on 1/22 and get started on the course - anyone who has not registered for WebAssign and has not submitted any assignments into WebAssign by Wednesday, January 30nd at 11:59PM, will be dropped from the course.** I will be monitoring who has not registered after the first few days and sending reminder emails.

Please let me know if you have any questions, and good luck in the course!

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| | | Subject To Change | | |
|------|-------------|--|--------------------------|--|
| Week | Dates | Sections Covered | Assignments Due | Events |
| 1 | 1/22 - 1/27 | Entering Math Answers in EWA | 1/24 at 11:59pm | |
| | | 1.1 Functions from three viewpoints | 1/27 at 11:59pm | |
| | | 1.2 Functions and Models | 1/27 at 11:59pm | |
| 2 | 1/28-2/3 | 1.3 Linear Functions and Models | 1/30 at 11:59pm | |
| | | 1.4 Linear Regression | 2/3 at 11:59pm | |
| 3 | 2/4-2/10 | 2.1 Quadratic Functions & Models | 2/6 at 11:59pm | 2/6 – Census Day (Last day to drop w/o a W) |
| | | 2.2 Exponential Functions & Models | 2/10 at 11:59pm | |
| 4 | 2/11- 2/17 | 2.3 Logarithmic Functions & Models | 2/13 at 11:59pm | |
| | | Practice Exam #1 | 2/17 at 11:59pm | |
| 5 | 2/18-2/24 | Exam 1 | Due on 2/20 at 11:59pm | Exam 1 will become Available 2/18 at 12:00 AM Due on 2/20 at 11:59pm |
| | | 3.1 Simple Interest | 2/24 at 11:59pm | |
| 6 | 2/25-3/3 | 3.2 Compound Interest | 2/27 at 11:59pm | |
| | | 3.3 Annuities, Loans, and Bonds | 3/3 at 11:59pm | |
| 7 | 3/4-3/10 | 4.1 Systems of 2 Eqs./2 unknowns | 3/6 at 11:59pm | |
| | | 4.2 Using Matrices to Solve Systems | 3/10 at 11:59pm | |
| 8 | 3/11-3/17 | 4.3 Applications of Systems of Eqns | 3/13 at 11:59pm | |
| | | Practice Exam #2 | 3/17 at 11:59pm | |
| 9 | 3/18-3/22 | Spring break | | |
| 10 | 3/25-3/31 | Exam 2 | Due on 3/27 at 11:59 PM. | Exam 2 this week Available 3/25 at 12:00 AM Due on 3/27 at 11:59pm |
| | | 7.1 Sets and Set Operations | 3/31 at 11:59pm | |
| 11 | 4/1-4/7 | 7.2 Cardinality | 4/3 at 11:59pm | 4/5 Spring Drop/Withdrawal Deadline |
| | | 7.3 Decision Algorithms | 4/7 at 11:59pm | |
| 12 | 4/8-4/14 | 7.4 Permutations & Combinations | 4/10 at 11:59pm | |
| | | 8.1 Sample Spaces and Events | 4/14 at 11:59pm | |
| 13 | 4/15-4/21 | 8.2 Relative Frequency | 4/17 at 11:59pm | |
| | | 8.3 Probability and Probability Models | 4/24 at 11:59pm | |
| 14 | 4/22-4/28 | 8.4 Prob. & Counting Techniques | 4/28 at 11:59pm | |
| 15 | 4/29-5/5 | 8.5 Conditional Probability | 5/1 at 11:59pm | |
| | | Practice Exam #3 | 5/5 at 11:59pm | |
| 16 | 5/6-5/12 | Exam 3 | Due 5/8 at 11:59 PM. | Exam 3 this week Available 5/6 at 12:00 AM Due on 5/8 at 11:59pm |
| | | practice Final Exam | 5/12 at 11:59pm | |
| 17 | 5/13-5/18 | Final exam | Due 5/15 at 11:59 PM. | Final exam week Available 5/13 at 12:00 AM Due 5/15 at 11:59 PM |