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

Course Number:	1320, CRN 18424
Credit Hours:	3
Term:	Fall 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:	Charles Mundy-Castle
Office Location:	N/A (course coordinator office is Bell Hall 322)
Contact Info:	On Slack: Join Math 1320 Slack E-mail: cmmundy@utep.edu
Office Hours:	MW 9:00-10:00AM on Collaborate Ultra and Slack
Textbook, Materials:	Finite Mathematics & Applied Calculus, Waner and Constenoble, 7th Edition.
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:

You can access WebAssign directly through Blackboard by clicking the Access WebAssign link.
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. You can also purchase access directly through the WebAssign site.

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 lowest exam grade will be replaced by the average of that grade and the final exam grade. 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 Wintermester workshop or take a comprehensive TestOut exam. A grade of 70% or better on the written comprehensive Wintermester 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, Tuesday Johnson.).

Grading Policy:

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

Three exams	51% (17% each)
Daily activities	24%
Comprehensive final exam	25%
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, September 4th, 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 integrity 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, September 11th. The last day to drop the course with a "W" is Friday, November 1st. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, November 1st. 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:

UTEP Math 1320 website

Coordinator website

Math 1320 Slack

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 August 26th, you must click the Access WebAssign link in Blackboard 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: Complete the Assigned Reading (found in the instructions of the Practice assignment), then the problems in the Practice assignment, and finally the Homework assignment. Exams should be completed by their due dates.

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) Semester Exams: Each of the 3 semester exams are timed exams. Once you click on the exam, you will have 2 hours to finish approximately 15 questions. Once you start the exam, the timer begins and keeps going even if you log out, so be sure that you have an uninterrupted two hours before you click on the exam.

6) Final Exam: The final exam is a timed exam. Once you click on the final exam you will have 2 hours and 45 minutes to finish 20 questions. Once you start the exam, the timer begins and keeps going even if you log out, so be sure that you have an uninterrupted two hours and 45 minutes before you click on the exam.

7) **Try to keep up with the calendar on the syllabus**. We cover one or two sections per week. Each section consists of the two assignments I mentioned earlier (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.

8) **You can get extensions for the Daily Activities Assignments**. For 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, Dec 6th.

I hope this will help you get started in the course. You should be able to start working on the WebAssign assignments beginning on Monday, 8/26. Please log in on 8/26 and get started on the course - anyone who has not registered for WebAssign and has not submitted any assignments into WebAssign by Wednesday, September 4th 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!

Charles Mundy-Castle
Adjunct Lecturer, Department of
Mathematics
University of Texas at El Paso
Contact me through Slack

		Subject To Change		
Week	Dates	Sections Covered	Assignments Due	Events
1	8/26 - 9/1	Entering Math Answers in EWA	8/28 at 11:59pm	
		1.1 Functions from three viewpoints	9/1 at 11:59pm	
		1.2 Functions and Models	9/1 at 11:59pm	
2	9/2-9/8	1.3 Linear Functions and Models	9/8 at 11:59pm	
		1.4 Linear Regression	9/8 at 11:59pm	9/2 Labor Day
3	9/9-9/15	2.1 Quadratic Functions & Models	9/11 at 11:59pm	9/11 – Census Day
		2.2 Exponential Functions & Models	9/15 at 11:59pm	(Last day to drop
4	9/16- 9/22	2.3 Logarithmic Functions & Models	9/18 at 11:59pm	
		Pracitce Exam #1	9/25 at 11:59pm	
5	9/23-9/29	Exam 1	Due on 9/25 at 11:59pm	become Available 9/23 at 12:00 AM Due on 9/25 at
		3.1 Simple Interest	9/29 at 11:59pm	
6	9/30-10/6	3.2 Compound Interest	10/2 at 11:59pm	
		3.3 Annuities, Loans, and Bonds	10/6 at 11:59pm	
7	10/7-10/13	4.1 Systems of 2 Eqs./2 unknowns	10/9 at 11:59pm	
		4.2 Using Matrices to Solve Systems	10/13 at 11:59pm	
8	10/14-10/20	4.3 Applications of Systems of Eqns	10/16 at 11:59pm	
		Practice Exam #2	10/23 at 11:59pm	
9	10/21-10/27	Exam 2	Due on 10/23 at 11:59 PM.	Exam 2 this week Available 10/21 at 12:00 AM Due on 10/23 at 11:59pm
		7.1 Sets and Set Operations	10/27 at 11:59pm	
10	10/28-11/3	7.2 Cardinality	10/30 at 11:59pm	11/1 Course drop
		7.3 Decision Algorithms	11/3 at 11:59pm	deadline
11	11/4-11/10	7.4 Permutations & Combinations	11/6 at 11:59pm	
		8.1 Sample Spaces and Events	11/10 at 11:59pm	
12	11/11-11/17	8.2 Relative Frequency	11/13 at 11:59pm	
		8.3 Probability and Probability Models	11/17 at 11:59pm	
13	11/18-11/24	8.4 Prob. & Counting Techniques	11/24 at 11:59pm	
14	11/25-12/1	8.5 Conditional Probability	11/27 at 11:59pm	11/28-11/29
		Practice Exam #3	12/4 at 11:59pm	Thanksgiving
15	12/2-12/8	Exam 3	Due 12/4 at 11:59 PM.	Exam 3 this week Available 12/2 at 12:00 AM Due on 12/4 at 11:59pm
		practice Final Exam	12/8 at 11:59pm	
16	12/9-12/13	Final exam	Due 12/11 at 11:59 PM.	Final exam week Available 12/9 at 12:00 AM Due 12/11 at 11:59 PM