

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

Course Number: 1320, CRN 21696

Credit Hours: 3

Term: Spring 2016

Course Meeting Time: None – course is entirely online

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: MTR (10:30 am-11:30 am) or by appointment

Textbook, Materials: Finite Mathematics & Applied Calculus, Waner and Constenoble, 6th 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 will use the instructions included in Blackboard to access and register for WebAssign. WebAssign has a 14 day free trial so that you may access your course work immediately. Important to know: For Assigned Readings and Practice Problems - you have unlimited submissions, 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, 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.

To log in: go to the WebAssign [website](#) and follow these steps:

- 1) Under Username put your student ID number
- 2) Under Institution put UTEP
- 3) Under Password put your student ID number
- 4) Change your password: Click the tab that says “My Options”. Change your password to something other than your student ID number, and remember it!

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 after this period. If you purchased a new book from the UTEP bookstore, 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 3%, Practice Problems 4%, Homework 15%, and the Personal Study Plan (PSP) chapter quizzes 2%. 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. All daily activities are due on Sunday night at 11:59PM of the week in which they are assigned.

Assessment: Your overall grade will consist of the weighted average of your scores on three exams, daily activities, and the final exam. **If it benefits you, the score you receive on the final exam will replace your lowest exam score.**

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: This is an online course and as such you do not have any strict attendance guidelines. You are expected to work toward completion of the course assignments **daily**. There will be no set times that you must be on line, but **lack of effort can and will get you dropped from the course**. 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 check your miners email for any webassign notification emails and other emails that I may send you.

Academic Integrity: We will follow the university's policy in this course, as explained in the Handbook of Operating Procedures. You may find it [here](#).

Disability Statement: If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.utep.edu/CASS. *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*

- Military Statement:** If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact me as soon as possible.
- 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 3rd. The last day to drop the course with a "W" is Friday, April 1st. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by April 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:** Online tutorials can be found [here](#). The Tutoring and Learning Center (TLC) offers free tutoring and is located in the campus library. 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](#)

(Subject to change)

Week	Dates	Sections Covered	Events
1	1/18 – 1/22	1.1 Functions from three viewpoints 1.2 Functions and Models	
2	1/25 – 1/29	1.3 Linear Functions and Models 1.4 Linear Regression	
3	2/1 – 2/5	9.1 Quadratic Functions & Models 9.2 Exponential Functions & Models	2/3 – Census Day (Last day to drop w/o a W)
4	2/8 – 2/12	9.3 Logarithmic Functions & Models Exam #1 Review	
5	2/15 – 2/19	2.1 Simple Interest	Exam 1 this week (Exact date TBA)
6	2/22 – 2/26	2.2 Compound Interest 2.3 Annuities, Loans, and Bonds	
7	2/29 – 3/4	3.1 Systems of 2 Eqs./2 unknowns 3.2 Using Matrices to Solve Systems	
8	3/7– 3/11		Spring Break – No Classes
9	3/14 – 3/18	3.3 Applications of Systems of Eqns Exam #2 Review	
10	3/21 – 3/25	6.1 Sets and Set Operations	Exam 2 this week (Exact date TBA) 3/25 – C. Chavez day (no class) 3/25 -Spring Study Day (no classes)
11	3/28 – 4/1	6.2 Cardinality 6.3 Decision Algorithms	4/1 Course drop deadline
12	4/4 – 4/8	6.4 Permutations & Combinations 7.1 Sample Spaces and Events	
13	4/11 – 4/15	7.2 Relative Frequency 7.3 Probability and Probability Models	
14	4/18 – 4/22	7.4 Prob. & Counting Techniques 7.5 Conditional Probability	
15	4/25 – 5/4/29	Exam #3 Review 7.6 Bayes' Theorem (optional)	
16	5/2 - 5/6	7.6 Bayes' Theorem (optional) Final Exam Review	Exam 3 this week 5/6 – Dead Day, no classes
17	5/9 – 5/13	Final exam due date 5/13	Final exam week

Welcome Message

Welcome to the online section of Math 1320!

We will use WebAssign exclusively for this course. You should have all received an email from WebAssign telling you what your usernames and passwords are. For now, both are your student ID number. I suggest that when you log in for the first time, you change your password.

Useful things to know:

- 1) **There is a two week grace period in WebAssign where you do not have to purchase anything.** You can access the entire e-book, as well as any upcoming assignments. After the two week grace period ends, you have to purchase access as described on the syllabus.
- 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 (3% and 4% 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) **The Personal Study Plan counts towards your final grade.** It's only worth 2% of your final grade, but every bit helps. You can access it by clicking the tab called Personal Study Plan. The chapter quizzes are what counts, the section quizzes are only for practice.
- 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 mention 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 on all 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 week to finish the assignment. **For Homework assignments, you get up to 6 free extensions per semester.** After the sixth extension on Homework, you will start to lose progressively more credit on each extension. For the 7th, you lose 5%, the 8th is 10%, etc., for a maximum of 20% on each extension after the 9th one (so the 10th, 11th, etc. will all lose 20% credit). 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.

I hope this will help you get started in the course. You should be able to start working on the WebAssign work beginning on Monday, 1/19. Please log in as soon as possible and get started on the course - anyone who has not registered for WebAssign after the first two weeks of class have passed 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!

Nada Al-Hanna
Lecturer, Department of Mathematics
Coordinator of Math for Social Sciences I
University of Texas at El Paso
Bell Hall 325
(915) 747-8898
<http://www.math.utep.edu/faculty/nfalhanna>