

THE UNIVERSITY OF TEXAS AT EL PASO  
COLLEGE OF SCIENCE  
DEPARTMENT OF MATHEMATICAL SCIENCES

**Discrete Mathematics - 33812 - Math 2300**

<b>Online via WebAssign</b> ( <a href="https://www.webassign.net">https://www.webassign.net</a> )	Jul 07, 2020 – Jul 31, 2020 Final Exam: August 3, 2020	Summer II, 2020
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**Prerequisite Course:** Math 1411 – Calculus I

**Instructor:** Dr. Emil Schwab  
E-mail: [eschwab@utep.edu](mailto:eschwab@utep.edu)

**Office Hours:**

Online/e-mail. I will try to return e-mails within 24 hours (except weekends)

**Textbook :**

Discrete Mathematics with Applications 5<sup>th</sup> edition / Susanna Epp

**WebAssign Access Code(Card) and account required - includes E-BOOK.**

If you prefer to have a hard copy of the book you can buy it as bundled with the access code.

**Course Objectives and Content**

Upon successful completion of the course, you will know and be able to use the basic algebra of sets and of logic. You will be able to prove statements by induction. You will be able to identify and use common classes of relations. You will know basic properties of functions. You will be able to solve counting problems involving combinations and permutations. You will know the basic definitions and theorems of graph theory, and be able to apply them to specific graphs. You will know the basic algorithms for traversing trees, and be able to apply them to specific trees. Sections from chapters 2, 3, 5, 6, 7, 8, 9 and 10 will be covered.

You will be responsible to access WebAssign to review the lessons in the e-text, watch the videos, tutorials, and PowerPoints given for the section

**Exams and Assignments:**

You will have course resources as well as homework (HMW) and exams via WebAssign. There will be three midterm exams (Exam 1, Exam2 and Exam 3) and one comprehensive final exam. There will be no extra credit or curves on exams. There is also no replacement of any exam with the final exam score. Everyone must take the final, regardless of current standing in the course. As our course is offered online, the exams will be taken online as well via WebAssign. Your exams will be offered on specific dates and will have a time limit: 2hours the midterms and 3 hours the final. Once you log on, the time runs regardless.

**See course calendar for Homework and Exams.**

**Grading Policy:**

Your grade will be calculated as follows:

<b>HMW /average grade of all homework</b> (100 points possible)	<b>20%</b>
<b>Exam 1</b> (100 points possible)	<b>20%</b>
<b>Exam 2</b> (100 points possible)	<b>20%</b>
<b>Exam 3</b> (100 points possible)	<b>20%</b>
<b>Comprehensive Final Exam</b> (100 points possible)	<b>20%</b>

So, the Final Grade will be the average of all five scores (HMW, Ex1, Ex2, Ex3, Final ) respecting the following grading scale:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

0 – 59 = F.

**Make-up Policy:**

Make-up exams will only be given under extraordinary circumstances, approved by instructor.

**Attendance & Withdrawal:**

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 daily. There will be no set times that you must be online, but lack of effort may get you dropped from the course. However, if you do not submit any of the weekly assignments onto WebAssign until due date, then you may be dropped from this class due to lack of effort. You may always work ahead, but deadlines are strict; plan accordingly ([see course calendar for Homework and Exams](#)). It is the student's responsibility to drop the course if she/he desires a grade W. The Drop Date for this semester is **Friday July 24, 2020**. After the drop deadline the College of Science will not approve any drops (W) and you can be dropped only with an F.

**Academic Integrity Policy:**

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 <http://www.utsystem.edu/bor/rules/homepage.htm>

**Disability Statement:**

If you need special accommodations for extra-time on homework and exams, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to [cass@utep.edu](mailto:cass@utep.edu), or visit their website at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass).

**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 the instructor as soon as possible.