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

Discrete Mathematics - 24449 - Math 2300

Online Asynchronous	Jan. 21, 2025 – May 8, 2025 Final Exam: May 13, 2025	Spring 2025

Exams, Video Lectures, Grades and Announcements	**Online via Blackboard**

Homework (HMW) and PowerPoint Presentations (video-resources)	**Online via WebAssign** (https://www.webassign.net)

All exams are online on Blackboard (BB)
The homework (HMW) is online on WebAssign

Prerequisite Course: Math 1411 – Calculus I

Instructor: Dr. Emil Schwab – professor of mathematics
E-mail: eschwab@utep.edu

Office Hours: online on Zoom via Blackboard
Tuesday 9:00 -10:30 am
Thursday 5:00 – 6:00 pm

Communication:
For communication, you must use only your **UTEP e-mail address.**
I will try to return e-mails within 24 hours (except weekends/holidays)
For Homework (HMW) use "Communication/ Ask Your Teacher" on WebAssign.
All the course info/announcements will be send through your miners.utep e-mail and Blackboard (BB) Announcements. You are responsible to read regularly your e-mail messages/BB announcements and be informed regarding the course/exams/homework requirements and due dates.

Textbook :
Discrete Mathematics with Applications 5th edition / Susanna Epp
WebAssign Access Code(Card) and account required - includes E-BOOK.

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 from textbook will be covered.

Exams and Assignments:
All **homework** will be completed on **WebAssign.**
The **exams** will be taken online on **Blackboard.**
There will be homework (HMW), three midterm exams (Exam 1, Exam2, Exam 3) and one comprehensive final exam. There will be no extra credit or curves on exams /HMW. 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.

There will be 13 homework assignments (HMW 1-13) posted on WebAssign.
The HMW grade/score is the average of all the scores of HMW 1-13 assignments and it will be included in the computation of the course final grade, representing 20% of your final grade.

Exams Tentative Schedule and Grading Policy:

	Date/Time	Topic	Score / Weight
Exam 1 ***on Blackboard***	**Tuesday/ February 18** **90 minutes**	**Chapters: 2,3,5**	**100 points possible** **(20% of final grade)**
Exam 2 ***on Blackboard***	**Tuesday/ March 25** **90 minutes**	**Chapters: 6,7**	**100 points possible** **(20% of final grade)**
Exam 3 ***on Blackboard***	**Tuesday/ April 22** **90 minutes**	**Chapters: 8,9**	**100 points possible** **(20% of final grade)**
Final Exam ***on Blackboard***	**Tuesday / May 13** **180 minutes**	**All chapters (including Ch. 10)**	**100 points possible** **(20% of final grade)**
HMW ***on WebAssign***	**See the due dates on HMW calendar**	**All chapters**	**100 points possible** **(20% of final grade)**

All exams are online on Blackboard. The dates/times for the exams may be changed during the semester. Exams 1-3 will be displayed on Blackboard / Home Page on the scheduled days from 12: 00 am (midnight) until 8:00 pm (MT)
Final Exam will be displayed on Blackboard / Home Page on the scheduled day from 12: 00 am (midnight) until 10:00 pm (MT)
Each exam has **1** attempt submission allowed. Entire exam must be submitted. Once you log on for exam on Blackboard, the time runs regardless.
Each homework assignment has **5** attempts submission allowed.

So, the Final Grade will be the average of all five scores (Ex1, Ex2, Ex3, Final, HMW) respecting the following grading scale:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
0 – 59 = F.

Make-up Policy:
There is NO make-up for exams. Late submission of exams will NOT be accepted. Extension for homework assignments will NOT be given. Some extraordinary circumstances may be considered for exceptions. For exam/ homework assignment not completed/submitted by due date/time, 0 points will be assigned.

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. You may always work ahead, but deadlines are strict; plan accordingly (see course calendar for Homework).
However, if you do not submit three or more HMW onto WebAssign, then you may be dropped from this class due to lack of effort. Also, if you do not submit two or more exams onto Blackboard then you may be dropped from the class due to lack of effort.
It is the student's responsibility to drop the course if desired a grade W, before the drop deadline. The Drop Deadline for this semester is **Friday / April 4, 2025**.
No W grade can be given after the drop deadline.

Netiquette/Copyright Statement:
Blackboard is not a public internet venue; all postings to it should be considered private and confidential. Whatever is posted on in these online spaces is intended for classmates and professor only and you are not allowed to copy documents and paste them to a publicly accessible website, blog, or other space.
All materials used in this course are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. They may not be further disseminated.

Technology Requirements:
The Course is delivered via Blackboard and WebAssign(HMW)
You will need to have access to a computer/laptop and scanner.
IMPORTANT: If you encounter technical difficulties beyond your scope of troubleshooting, please contact the UTEP Help Desk /WebAssign Support

Scholastic Integrity:
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

Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but is not limited to, cheating, plagiarism, and collusion. Cheating may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. Plagiarism occurs when someone intentionally or knowingly represents the words or ideas of another as ones' own. Collusion involves collaborating with another person to commit any academically dishonest act. Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. All suspected violations of academic integrity at The University of Texas at El Paso must be reported to the Office of Student Conduct and Conflict Resolution (OSCCR) for possible disciplinary action. To learn more, please visit HOOP: Student Conduct and Discipline.

Accommodations:
If you need special accommodations for extra-time on homework and exams, please contact The Center for Accommodations and Support Services (CASS) at 915-747-5148, or by email to cass@utep.edu, or visit their website at https://www.utep.edu/student-affairs/cass/

Resources:
The MaRCS tutoring center (in the Library) offers free tutoring: https://www.utep.edu/science/math/marcs/.