

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

**Discrete Mathematics - 34187 - MATH 2300**

Type	Time	Days	Where	Date Range	Schedule Type
Class	11:40 am - 1:50 pm	MTWRF	Liberal Arts Building 305	Jul 09, 2019 – Aug. 02, 2019 Final Exam: August 5, 2019	Lecture (LECT)

**Credit Hours:** 3

**Term:** Summer II, 2019

**Prerequisite Course:** Math 1411 – Calculus I

**Instructor:** Dr. Emil Schwab

**Contact Info:** Office Location: BH 201  
Phone: 747-6758  
E-mail: eschwab@utep.edu

**Office Hours:** TBA

**Textbook :** Discrete Mathematics, 5th ed., Dossey, et. al.,

**Course Objectives and Contents:**

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 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. Chapters 2, 4, 5 and 8 will be covered.

**Exams and Assignments:**

There will be two midterm exams (each worth 100 points) during the semester and a comprehensive final exam (also worth of 100 points). Regularly homework will be assigned. The homework will not be collected, but will be discussed in class. The exams will include problems from homework.

No calculators, may be used during exams . Also, any device with internet access including cell phones are not allowed during exams.

**Grading Policy:**

Each exam including the final represents 33.3% of the final grade. The final grade will be determined by the average of all exams scores including the final, respecting

the following grading scale: A 90-100; B 80-89; C 70-79; D 60-69; F below 60  
Extra credit work won't be given for this class.

**Make-up Policy:**

No make-ups/retests will be given.

**Attendance & Withdrawal:**

It is the student's responsibility to attend class, to be in contact with all the information transmitted in the class and to make up the work for the missed class. It is expected that everyone attend every class and arrive on time.

It is the student's responsibility to drop the class. Any student with 4 or more absences from lecture might be automatically dropped from the class by instructor. The deadline to drop or to be dropped with an automatic W is **July 26, 2019.** 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:**

Students are required to follow UTEP policy (Academic Dishonesty at UTEP) available at <http://academics.utep.edu/Default.aspx?tabid=23785>

**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](mailto:cass@utep.edu), or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass). 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 course of the semester, you are encouraged to contact the instructor as soon as possible.

**Tentative Schedule:**

July 19 – Exam 1

August 1 – Exam 2

August 5 – Final Exam ( 1:00pm)

July 26            Summer 2 Drop/Withdrawal Deadline