

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

Modern Algebra - 17362 - Math 4325

Online via Blackboard	Aug. 23, 2021 – Dec. 02, 2021 Final Exam: Dec. 07, 2021	Fall 2021
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Prerequisite Course:

Math 3325 – Principles of Mathematics

Instructor:

Dr. Emil Schwab (Professor / Mathematical Sciences / Office: BH 201)

E-mail: eschwab@utep.edu

Office Hours:

Online on Blackboard: Th/ 8:00 – 9:20 am and F/ 12:00 – 1:20 pm

For communication, you must use only your **UTEP email address**.

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

Textbook :

Elements of Modern Algebra / Gilbert / 8th edition

Course Objectives and Content

Students are expected to build a solid understanding of some basic concepts, principles, theorems in Algebraic Structures (groups, rings, integral domains, and fields) and to be able to elaborate rigorous proofs.

The course will cover sections from the chapters 1, 3 - 6 of the textbook

You will be responsible to access BLACKBOARD to watch the videos posted each week, check the announcements which include the homework, review the notes posted and follow the lessons in the textbook.

Exams and Assignments:

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. Your exams will be offered on specific dates and will have a time window.

Regularly homework will be assigned. The homework will not be collected. The exams will include also problems from homework or similar.

Exams Tentative Schedule and Grading Policy:

	Date/Time	Topic	Weight
Exam 1	Tuesday Sept. 28 90 minutes	Chapters: 1,3	100 points possible (25% of final grade)
Exam 2	Tuesday Oct. 26 90 minutes	Chapters: 4	100 points possible (25% of final grade)
Exam 3	Tuesday Nov. 30 90 minutes	Chapters: 5,6	100 points possible (25% of final grade)
Final Exam	Tuesday Dec. 7 180 minutes	All chapters	100 points possible (25% of final grade)

The dates for the exams may be changed during the semester.

The Final Grade will be the average of all four scores (Ex1, Ex2, Ex3 and Final) respecting the following grading scale:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

0 – 59 = F.

Late Work and Make-up Policy:

No late submission of exams will be accepted. 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 weekly. 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 Oct. 29, 2021**. No W grade can be given after the drop deadline.

Technology Requirements:

Course content is delivered via Blackboard. Google Chrome and Mozilla Firefox are the best browsers for Blackboard. 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](#)

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.

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](#).

Disability Statement:

If you need special accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their website at 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.

COVID - 19 Precautions:

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you have tested positive for COVID-19, you are encouraged to report to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID 19 testing.