



Modern Algebra I (MATH 3363 90L)
SYLLABUS
Summer I 2021

COURSE INFORMATION:

Course Modality:

Online Synchronous Course

INSTRUCTOR INFORMATION:

Instructor Name: Paul-Hermann Zieschang

E-Mail: paulhermann.zieschang@utrgv.edu

Office location: online

Office hours: any time you need help

WELCOME & INTRODUCTION TO COURSE MODALITY STATEMENT

Online Synchronous Courses: These courses will be delivered fully online. Classes are every Monday, every Wednesday, and every Friday from 1130 to 1300. Your instructors will provide you with feedback on assigned work, communicate with you electronically, and be always available to meet with you.

COURSE DESCRIPTION, PREREQUISITES & MODE OF LEARNING

Prerequisites: MATH 2318 and MATH 3350, each with a grade of 'C' or better. - Content of the course: sets, relations, maps, groups, subgroups, cosets, homomorphisms, factor groups, Sylow's Theorems, rings, commutative rings and integral domains, Euclidean domains, principal ideal domains, Gaussian domains. - Students are expected to read and understand the notes which I will provide weekly. In case there is something they do not understand they are expected to notify the instructor by email and to suggest a zoom meeting time to the instructor for an office hour. The instructor will send a zoom meeting link to the student who has questions and/or suggest a zoom meeting time by himself. These meetings can also be meetings with more than two people.

COVID-19 RESOURCES:

Please visit the [UTRGV COVID-19 Website](#) via the following link for the most up-to-date information and resources.

UTRGV VACCINE PORTAL

UTRGV Students are now eligible to receive the COVID-19 Vaccine. Students may access and complete their vaccine profile via the [UTRGV Vaccine Portal](#). For additional information on the COVID-19 Vaccine, please visit the [UTRGV COVID-19 Website](#).

LEARNING OBJECTIVES/OUTCOMES FOR THE COURSE

Prerequisites: MATH 2318 and MATH 3350, each with a grade of 'C' or better.

| Student Learning Outcomes | Program Student Learning Outcomes | Standards | Major Course Requirement/ Major Assignment/ Examination |
|---------------------------------|-----------------------------------|-----------|---|
| Sets, relations, maps | | | |
| Groups and subgroups | | | |
| Cosets | | | |
| Homomorphisms and factor groups | | | |
| Sylow's Theorems | | | |
| Rings | | | |
| Commutative rings | | | |

TEXTBOOK, TECHNOLOGY, AND/OR RESOURCE MATERIAL

No textbook will be required. I will send out Lecture Notes via email. The notes contain further reading.

GRADING POLICIES

Grading is 50% Midterm and 50% Final. You can make up your grade by an oral exam two times, once after the midterm, and once after the final. UTRGV's grading policy is to use straight letter grades (A, B, C, D, or F).

BLACKBOARD SUPPORT

If you need assistance with course technology at any time, please contact the [Center for Online Learning and Teaching Technology](#) (COLTT).

| Campus: | Brownsville | Edinburg |
|-----------|------------------------|---------------------------------|
| Location: | Casa Bella (BCASA) 613 | Education Complex (EEDUC) 2.202 |
| Phone: | 956-882-6792 | 956-665-5327 |

Toll Free: 1-866-654-4555

Office Hours: Monday - Friday, 7:30 a.m. - 6:00 p.m.

Support Tickets Submit a Support Case via our [Ask COLTT Portal](#)

24/7 Blackboard Support

Need Blackboard assistance after hours? You can call our main office numbers, 956-882-6792 or 956-665-5327, to speak with a support representative.

ATTENDANCE:

It is recommended that you visit the weekly zoom meetings where we discuss homework and details of the notes. UTRGV's attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; have been provided such an accommodation by Student Accessibility Services (SAS); for observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

ABSENCE/SICK POLICY:

When setting your attendance policy for the summer semesters, I consider COVID-19-related extenuating circumstances. For instance, I may encounter students who cannot attend class at the scheduled time of a face-to-face, hybrid or synchronous course because they answer “Yes” to any of the COVID screening questions, they need to self-isolate because of exposure, or they become sick with COVID and are unable to complete assignments or exams by the original due date.

Makeup Work: See Grading Policy.

ACADEMIC INTEGRITY:

Members of the UTRGV community uphold the [Vaquero Honor Code](#)’s shared values of honesty, integrity and mutual respect in our interactions and relationships. In this regard, academic integrity is fundamental in our actions, as any act of dishonesty conflicts as much with academic achievement as with the values of honesty and integrity. Violations of academic integrity include, but are not limited to: cheating, plagiarism (including self-plagiarism), and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts (Board of Regents Rules and Regulations, STU 02-100, and UTRGV Academic Integrity Guidelines). **All violations of Academic Integrity will be reported to Student Rights and Responsibilities through [Vaqueros Report It](#).**

UTRGV POLICY STATEMENTS

The UTRGV disability accommodation, mandatory course evaluation statement and sexual misconduct statement are **required on all syllabi**. Additional policy statements are optional, such as those covering attendance, academic integrity, and course drop policies.

STUDENTS WITH DISABILITIES:

Students with a documented disability (physical, psychological, learning, or other disability which affects academic performance) who would like to receive reasonable academic accommodations should contact **Student Accessibility Services (SAS)** for additional information. In order for accommodation requests to be considered for approval, the student must apply using the *mySAS* portal located at www.utrgv.edu/mySAS and is responsible for providing sufficient documentation of the disability to SAS. Students are required to participate in an interactive discussion, or an intake appointment, with SAS staff. Accommodations may be requested at any time but are not retroactive, meaning they are valid once approved by SAS. Please contact SAS early in the semester/module for guidance. Students who experience a broken bone, severe injury, or undergo surgery may also be eligible for temporary accommodations.

Pregnancy, Pregnancy-related, and Parenting Accommodations

Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) should submit the request using the form found at <https://www.utrgv.edu/pregnancy> for review by **Student Accessibility Services**.

Student Accessibility Services:

Brownsville Campus: Student Accessibility Services is located in 1.107 in the Music and Learning Center building (BMSLC) and can be contacted by phone at (956) 882-7374 or via email at ability@utrgv.edu.

Edinburg Campus: Student Accessibility Services is located in 108 University Center (EUCTR) and can be contacted by phone at (956) 665-7005 or via email at ability@utrgv.edu.

MANDATORY COURSE EVALUATION PERIOD:

Students are encouraged to complete an ONLINE evaluation of this course, accessed through your UTRGV account (<http://my.utrgv.edu>); you will be contacted through email with further instructions. Students who complete their evaluations will have priority access to their grades. Online evaluations will be available on or about:

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|-----------------|-----------------------|
| Summer Module 1 | June 23-29, 2021 |
| Summer I | June 28- July 5, 2021 |
| Summer II | August 7-12, 2021 |
| Summer Module 2 | August 12-18, 2021 |

SEXUAL MISCONDUCT and MANDATORY REPORTING:

In accordance with UT System regulations, your instructor is a “Responsible Employee” for reporting purposes under Title IX regulations and so must report to the Office of Institutional Equity & Diversity (OIED@utrgv.edu) any instance, occurring during a student’s time in college, of sexual misconduct, which includes sexual assault, stalking, dating violence, domestic violence, and sexual harassment, about which she/he becomes aware during this course through writing, discussion, or personal disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect that is free from sexual misconduct, discrimination, and all forms of violence. If students, faculty, or staff would like confidential assistance, or have questions, they can contact OVAVP (Office for Victim Advocacy & Violence Prevention) at (956) 665-8287, (956) 882-8282, or OVAVP@utrgv.edu.

COURSE DROPS:

According to UTRGV policy, students may drop any class without penalty earning a grade of DR (drop) until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the “3-peat rule” and the “6-drop” rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.

STUDENT SERVICES:

Students who demonstrate financial need have a variety of options when it comes to paying for college costs, such as scholarships, grants, loans and work-study. Students should visit the Student Services Center (U Central) for additional information. U Central is located in BMAIN 1.100 (Brownsville) or ESSBL 1.145 (Edinburg) or can be reached by email (ucentral@utrgv.edu) or telephone: (888) 882-4026. In addition to financial aid, U Central can assist students with registration and admissions.

Students seeking academic help in their studies can use university resources in addition to an instructor’s office hours. University Resources include the Advising Center, Career Center, Counseling Center, Learning Center, and Writing Center. The centers provide services such as tutoring, writing help, counseling services, critical thinking, study skills, degree planning, and student employment. In addition, services such as the Food Pantry are also provided. Locations are listed below.

| Center Name | Brownsville Campus | Edinburg Campus |
|--|-------------------------------|-------------------------------|
| Advising Center AcademicAdvising@utrgv.edu | BMAIN 1.400 (956) 665-7120 | ESWKH 101A (956) 665-7120 |
| Career Center CareerCenter@utrgv.edu | BINAB 1.105 (956) 882-5627 | ESSBL 2.101 (956) 665-2243 |

| Center Name | Brownsville Campus | Edinburg Campus |
|--|-----------------------------------|-------------------------------|
| Counseling Center Counseling@utrgv.edu Mental Health Counseling and Related Services List | BSTUN 2.10 (956) 882-3897 | EUCTR 109 (956) 665-2574 |
| Food Pantry FoodPantry@utrgv.edu | BCAVL 101 & 102 (956) 882-7126 | EUCTR 114 (956) 665-3663 |
| Learning Center LearningCenter@utrgv.edu | BMSLC 2.118 (956) 882-8208 | ELCTR 100 (956) 665-2585 |
| Writing Center WC@utrgv.edu | BUBLB 3.206 (956) 882-7065 | ESTAC 3.119 (956) 665-2538 |

CALENDAR OF ACTIVITIES:

The calendar of activities depends on the performance of the class during the semester.

Be sure to include important dates relative to the academic calendar. The UTRGV academic calendar can be found at <https://my.utrgv.edu/home> at the bottom of the screen, *prior to login*. Some important dates for Summer 2021 include:

Summer I

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|---------|--|
| June 1 | First day of classes. |
| June 2 | Last day to add a class or register for Summer I 2021 classes. |
| June 28 | Last day to drop a class or withdraw. |
| July 5 | Study Day – NO classes |
| July 6 | Final Exams |
| July 7 | Grades Due at 3 p.m. |

Summer II

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|---------|---|
| July 8 | First day of classes. |
| July 9 | Last day to add a class or register for Summer II 2021 classes. |
| Aug. 4 | Last day to drop a class or withdraw. |
| Aug. 12 | Study Day – NO classes |
| Aug. 13 | Final Exams |
| Aug. 16 | Grades Due at 3 p.m. |

Summer III

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|---------|---|
| June 1 | First day of classes. |
| June 2 | Last day to add a class or register for Summer II 2021 classes. |
| July 27 | Last day to drop a class or withdraw. |
| Aug. 12 | Study Day – NO classes |
| Aug. 13 | Final Exams |
| Aug. 16 | Grades Due at 3 p.m. |

DEAN OF STUDENTS RESOURCES:

The Dean of Students office assists students when they experience a challenge with an administrative process, unexpected situation such as an illness, accident, or family situation, and aids in resolving complaints. Additionally, the office helps to advocate on behalf of students and inform students about their rights and responsibilities as well as serving as a resource and support for faculty and campus departments.

[Vaqueros Report It](#) allows students, staff and faculty a way to report concern about the well-being of a student, seek assistance in resolving a complaint, or report allegations of behaviors contrary to community standards or campus policies.

The Dean of Students can also be reached by emailing dos@utrgv.edu or visiting [Virtual Office hours](#) in which a representative is available Monday-Friday 9:00-11:00 a.m. and 1:00-4:00 p.m.