

WELCOME TO MATH 366: Introduction to Abstract Algebra

All class information (including important announcements, assignments, note packets, practice exams, solution guides, and important dates), will be posted under the weekly modules on Canvas. Following the weekly modules is the best way to keep up with the course.

Instructor: Dr. Kelly Chappell, chappell@math.colostate.edu

Course Description: Sets, integers, polynomials, real and complex numbers, groups, integral domains, and fields; development of skills for proving theorems.

Prerequisite: MATH 156 or MATH 161 or MATH 271

Lectures: MWF 9:00 am – 9:50 am in Engineering Building Room E 203

If you must miss a lecture, please watch a recording of the lecture you missed via Echo360.

*****I may temporarily move to Zoom Lectures if I test positive for COVID-19 (but feel my symptoms are mild enough that I can continue to teach remotely) or am caring for a child/other family member who is in isolation or quarantine at home.*****

- Please check communications regularly in case there is a sudden need for me to shift teaching modality, so you do not show up to an empty classroom. If any classroom lectures are to be replaced with Zoom lectures, I will announce it through a whole-class email sent via Canvas and also in the weekly modules on Canvas. In the announcement, I will tell you how to access the Zoom lecture(s). I will record any Zoom lecture(s) and post the recording link(s) under the weekly modules on Canvas.

Important Dates:

Last day to add without override is August 25, 2024.

Last day to add with override is September 04, 2024.

Last day to drop is September 04, 2024.

Withdrawal period is September 05, 2024 through November 08, 2024.

Textbook: The textbook for this course is Elements of Modern Algebra, Gilbert/Gilbert, 6th Edition.

Note Packets: Note packets may be handed out in class. If you must miss a class, please find the note packet that you did not receive (under course navigation link "Modules"), print the packet, and bring it to class when you return. Do not assume that note packets from the class that you missed will be available when you return.

Exams: There will be three in-class exams (100 points each) and one exam given during the final exam time (150 points). They will cover material from class notes, homework, and practice exams.

Exam 1 - Wednesday, September 11

Exam 2 - Wednesday, October 9

Exam 3 - Wednesday, November 6

Final Exam – Finals Week Thursday December 12 from 4:10 pm to 6:10 pm

Homework (150 points): Homework will be assigned and collected at the beginning of class (unless specified otherwise) on the due date. Homework will be graded for completeness, and a random selection of problems will be graded for accuracy. No late homework will be accepted. I will drop your lowest two homework scores at the end of the semester.

Attendance: I expect you to attend class regularly and participate. You must turn in your homework in class, not via email or to the Math Office. To provide extra incentive to attend, I will offer a 2% course grade bump for good attendance. I will take attendance AT RANDOM about 10 times during the semester. If you are found to be attending regularly, I will give you this grade boost.

Help Sessions and Review Sessions:

We will discuss as a class.

Grade Computation:

Course Percentage	Final Letter Grade
97% - 100%	A+
90% - 96%	A
87% - 89%	B+
80% - 86%	B
77% - 79%	C+
70% - 76%	C
60% - 69%	D
0% - 59%	F

Your course percentage will be rounded up. For example, a 79.000000000001 is a B.

Resolution of Grading Errors: You have no more than one week after a grade is recorded to have your score altered due to a recording error or grading mistake. Please take prompt responsibility for ensuring your grades are properly recorded in Canvas.

Missing an Exam: All exams must be taken at the times and dates stated on the syllabus. The ONLY exceptions are conflicts due to a university approved absence (for which a special letter is required) and events beyond your control that cannot be rescheduled (e.g. medical emergencies). In either case, it is the student's responsibility to inform the instructor well ahead of a conflict with a university event or as soon as possible in case of a medical emergency and to provide written documentation. You will be required to provide **written documentation** of your emergency before you will be allowed to make up any missed exam.

If you have a university approved absence or documentable emergency and need to schedule an alternate exam, then you must do the following, and your instructor will then provide you with instructions for taking the exam at an alternate day/time.

1. Contact your instructor via email at least one week prior to the university approved absence or as soon as possible after a documentable emergency.
2. Provide appropriate documentation. If you have a serious medical emergency, you will need to obtain medical documentation from a doctor who has examined you. The documentation must specifically and explicitly attest to you not being physically able to take the exam. A note that only documents a visit to a doctor will NOT excuse you from an exam.

No alternate exams will be allowed for class conflicts. If you have a class meeting during the time of an exam, you must arrange to miss that class in order to take the Math 141 exam. I am unable to offer alternate exams for other situations such as work commitments or travel plans. Having pre-arranged personal travel plans will not be considered a valid excuse for missing an exam.

Academic Integrity: Courses in the Mathematics Department adhere to the Academic Integrity Policy of the CSU General Catalog and the Student Conduct Code (Section 1.6 of the course catalog). At a minimum, violations will result in a grading penalty in this course and a report to the Student Resolution Center. See more details at [catalog.colostate.edu/general-catalog/policies/students-responsibilities/ #academic-integrity](https://catalog.colostate.edu/general-catalog/policies/students-responsibilities/#academic-integrity) and <https://tilt.colostate.edu/Integrity/Pledge>

I know each and every one of you can succeed honestly in this course without resorting to cheating, and I will work with you to help you achieve that.

By submitting quizzes and exams, you certify that it is your own work. Students judged to have engaged in cheating may be assigned a reduced or failing grade for the assignment or the course and may be referred to the Office of Conflict Resolution and Student Conduct Services for additional disciplinary action. Students judged to have cheated on an exam will receive both a zero on the exam and an additional penalty

applied to their class average. This will make it difficult, or in some cases impossible, to pass the course even for a first offense

Some examples of academic integrity violations include:

- Possessing and/or using unauthorized reference information in any form that could be helpful while taking an exam. Please note that merely having access to forbidden materials (such as a

cell phone or iPod)

during an exam will be judged to constitute academic dishonesty whether or not you are actually caught using them. Communicating with another student during an exam will be judged to constitute cheating whether or not the conversation can be proven to have had to do with the exam. It is incumbent upon you to conduct yourself in a way where there can be no question about your academic honesty.

- Making misrepresentations having to do with an exam (such as fabricating an excuse for missing one, changing an answer once the exam has been handed back to you, or similar) will also be judged to constitute cheating

Other Resources to Help You Succeed in Math 366:

- Detailed solution guides will be posted for homework sets, after the due date, in the weekly modules on Canvas.
- Detailed solution guides will be posted for exams, after the due date, in the weekly modules on Canvas.

Extra Credit Opportunities: You will receive up to 5 percentage points on Exam 1 if you visit a help session prior to Exam 1. For every 10 minutes that you attend, you will receive 1% on Exam 1. **You are welcome to stay for more than 50 minutes or attend more than one session, but the maximum credit that you can receive is 5% on Exam 1.**

Guide for Students on COVID Reporting:

All students are directed to report any COVID-19 symptoms to the university immediately, as well as exposures or positive test results from a medical provider or home test.

- If you suspect you have symptoms, or if you know you have been exposed to a positive person or have tested positive for COVID (even with a home test), you are directed to fill out the COVID Reporter (<https://covid.colostate.edu/reporter/>).
- If you know or believe you have been exposed, including living with someone known to be COVID positive, or are symptomatic, it is important for the health of

yourself and others that you complete the online COVID Reporter. Do not ask your instructor to report for you.

- If you do not have internet access to fill out the online COVID-19 Reporter, please call (970) 491-4600.
- You may also report concerns in your academic or living spaces regarding COVID exposures through the COVID Reporter. You will not be penalized in any way for reporting.
- When you complete the COVID Reporter for any reason, the CSU Public Health Office is notified. Students who report symptoms or a positive antigen test through the COVID Reporter may be directed to get a PCR test through the CSU Health Network's medical services for students.

For the latest information about the University's COVID resources and information, please visit the **CSU COVID-19 site**: <https://covid.colostate.edu/>.

ADA Statement: CSU is committed to providing reasonable accommodations for all persons with disabilities. If you are a student with a disability or chronic health condition and you need accommodations, *please contact the Student Disability Center (SDC) as soon as possible to initiate the accommodation process.* The SDC is located in room 121 of the TILT Building. Their phone is (970) 491-6385 and website is disabilitycenter.colostate.edu.

Your instructor will need an accommodation letter from the Student Disability Center (SDC) before accommodations are implemented. Please email appropriate forms to your instructor no less than one week before an exam and have the forms ready to be filled out. Only one form is required for all midterms and one form for the final exam. These students must schedule their exams with the SDC at least one week in advance of each midterm and the final.

Religious Observances and Class Attendance: CSU has a legal obligation to accommodate students' absences due to religious observances. For such an accommodation, it is the student's responsibility to complete the Religious Accommodation Request Form at the beginning of each semester and submit the request via the Office of the Vice President for Student Affairs website. The Dean of Students will communicate with the instructor regarding the student's absence and the student is instructed to discuss how best to ensure an accommodation related to class conflicts. For religious observances that cannot reasonably be anticipated at the beginning of the semester, students must follow the procedure above as soon as possible after the course conflict is identified. If a student knows that a particular course or section of the course will have multiple conflicts with his or her religious obligations, the student is advised to locate another course section or defer taking the course to a different semester. In the event of a conflict regarding this policy, individuals may appeal using established CSU procedures. Instructors are advised to provide

reasonable accommodations to ensure compliance with CSU's obligations. See more details regarding attendance policies at catalog.colostate.edu/general-catalog/academic-standards/academic-policies

Discrimination and Harassment: CSU is committed to providing an environment that respects the dignity and worth of every member of its community. CSU strives to create and maintain a work and study environment that is fair, inclusive, and responsible so that each member of the CSU community is treated with dignity and respect and is rewarded for relevant considerations such as ability and performance. CSU has adopted a comprehensive policy to define the types of conduct that are prohibited and to prevent harm arising from discrimination, harassment, sexual harassment, sexual misconduct, domestic violence, dating violence, stalking, and retaliation. Conduct that is discriminatory or harmful under the policy inhibits the achievement of the stated goals. All students, faculty, staff, and other persons having business with CSU are expected to know and follow this policy. Details regarding what is involved in bringing a complaint and the procedures for informal and formal resolution are available from the Office of Support and Safety Assessment for student-to-student behavior and the Office of Equal Opportunity for matters involving non-students such as faculty, staff, affiliates, or visitors and matters involving a student and non-student person. See more details at catalog.colostate.edu/general-catalog/policies/discrimination-harassment/

Classroom Behavior and Respect for Diversity: Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity and gender expression, age, disability, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. For more information, see the policies on classroom behavior and the student code at <https://catalog.colostate.edu/general-catalog/policies/students-responsibilities> and at <https://resolutioncenter.colostate.edu/student-conduct-code/>.