

## COURSE INFORMATION SYLLABUS

MATH 1150–311R: Precalculus Mathematics (4 credits)  
ARSC 1710–310R: Precalculus Co-Seminar (1 credit)

### Class Meetings:

MATH 1150: MTWThF 11:00 AM–11:50 AM Fleming 150  
ARSC 1710: TTh 12:30 PM–1:45 PM Fleming 150

### Instructor Information:

Name: Sarah K. Salmon  
Email: Sarah.Salmon@colorado.edu  
Office: Fleming 160  
Pronouns: She/Her/Hers

### Instructional Assistants (IAs):

Eric Jiang	Eric.Jiang@colorado.edu	He/Him/His
Medhane (Med) Kiflom	Medhane.Kiflom@colorado.edu	He/Him/His
Zenas Lee	Zenas.Lee@colorado.edu	He/Him/His
Israel (Izzy) Miles	Israel.Miles@colorado.edu	He/Him/His

**Course website:** Information regarding assignments and due dates will be in Canvas, along with other resources. Login to Canvas at [canvas.colorado.edu](https://canvas.colorado.edu) using your IdentiKey username and password.

**Course structure:** Welcome to a math course that we hope is unlike any math course you have yet experienced! This is an interactive 5 credit-hour precalculus course offered by the Student Academic Success Center comprised of two parts. The MATH 1150 part of the course is 4 credit-hours and is instructor-led 5 days a week. The ARSC 1710 part of the course is a 1 credit co-seminar scheduled twice a week and is dedicated time for you to explore and practice mathematics with the help of the IAs. Both parts of this course are required.

You will spend a significant amount of time in conversation about mathematics, in collaborative groups, and sharing ideas. The collaborative basis of the course is designed to guide your mathematical thinking to a deeper level, give you ownership of a challenging mathematical language, and develop an excellent set of practices for your future career. This experience will make your success in college much easier as it will give you extensive opportunity to engage in the exchange of ideas – which is after all the heart of a college education.

**Rights of the learner:** As a student in this class, you have the right:

- to be confused,
- to make a mistake and to revise your thinking,
- to speak, listen, and be heard, and
- to enjoy doing mathematics.

**Attendance policy:** To ensure your success with course material, it is expected that you attend every class. You will be assessed on participation during every class meeting, based on both your timeliness and in-class engagement. If you have an extenuating circumstance (such as a personal illness or a family emergency) communicate with the instructor to determine how to manage the course and missed material. *You are responsible for material covered whether or not you attend.*

**What to do if you're absent:** You are responsible for material covered whether or not you attend! Coursework is due whether or not you attend. If you are going to be absent, make arrangements with me to obtain the coursework required and how/when to submit it. If you have an extenuating circumstance, talk to me to determine how to manage the course.

**MATH 1150 Participation policy:** *Satisfactory Participation* will be attained if you meet all of the following requirements. You will not receive a grade lower than a "D" in the course. *Unsatisfactory Participation* will be attained if you do not meet all of the following requirements. You will not receive a grade higher than a "C" in the course.

- Have no more than 7 absences.
- Have no more than 5 missing HW/coursework assignments.
- Maintain at least a 70% average on the Homework/Coursework Assignments.
- Prepare for and participate regularly in class.
- Take all exams at the scheduled time, unless arranged with instructor in advance.
- Have no violations of the CU Honor Code. <http://www.colorado.edu/honorcode/>

**MATH 1150 Grades:** The grade distribution for MATH 1150 will be calculated based on the following system:

- Online Homework 17%
- Written Homework 17%
- Presentations 6%
- Pre-exam study book 3%
- Exams 36% (3 exams, 12% each)
- Exam revisions 3%
- Final 18%

**ARSC 1710 Participation policy:** *Satisfactory Participation* will be attained if you meet all of the following requirements. You will not receive a grade lower than a "D" in the course. *Unsatisfactory Participation* will be attained if you do not meet all of the following requirements. You will not receive a grade higher than a "C" in the course.

- Have no more than 4 absences.
- Prepare for and participate regularly in class.
- Take all quizzes at the scheduled time, unless arranged with instructor in advance.
- Have no violations of the CU Honor Code. <http://www.colorado.edu/honorcode/>

**ARSC 1710 Grades:** The grade distribution for ARSC 1710 will be calculated based on the following system:

- In Class Engagement 70%
- Outside of Class Engagement 5%
- Research Project 10%
- Quizzes 15%

**Final grades:** For both MATH 1150 and ARSC 1710, final grades will be determined using the following scale:

A	92.1%–100%	C	73%–76%
A–	90%–92%	C–	70%–72%
B+	87%–89%	D+	67%–69%
B	83%–86%	D	63%–66%
B–	80%–82%	D–	60%–62%
C+	77%–79%	F	0%–59%

**Midterm Exams:** There will be three (3) 75-minute exams this semester. The exams will be given during the co-seminar on the dates listed on the course calendar/schedule. If you have a documented excuse for missing an exam, and you notify the instructor BEFORE the exam to verify that the excuse and the documentation will be accepted, the instructor may make arrangements for you to take the exam at another time. Please note that the dates may change as we progress.

Tentative Dates:

Exam 1: Thursday, February 14, 2019

Exam 2: Thursday, March 14, 2019

Exam 3: Thursday, April 18, 2019

**Final Exam:** The final exam has been scheduled and it is listed below.

Final Exam: Tuesday, May 7, 2019, 10:30 AM–1:00 PM

The location will be announced as we get closer to the end of the semester. The final will be cumulative, which means it will cover all of the material from the entire semester. You must take the final exam at the scheduled date and time as no make up or early exams will be given unless you are scheduled for 3 or more final exams in one day. Students who would have three or more final exams in one day should consult with their instructors.

**Commitment to the learning community:** In our classroom, diversity and individual differences are respected, appreciated, and recognized as a source of strength. Students in this class are encouraged and expected to speak up and participate during class and to carefully and respectfully listen to each other. Every member of this class must show respect for every other member of this class. Any attitudes or actions that are destructive to the sense of community that we strive to create are not welcome and will not be tolerated. In summary: Be good to each other.

**In Class Engagement:** This course requires full engagement in a collaborative setting. This means that you must provide your utmost effort in terms of coursework and collaboration during each class. Your participation will be assessed during every class, and will be based on your attendance, timeliness, and in-class engagement. Participation will be graded each day based on these actions:

- being on time for class,
- being engaged throughout class,
- volunteering to present,
- asking questions of a presenter,
- assisting a stuck presenter,
- discussing mathematics with other students, and
- having an optimistic and positive attitude.

Completing at least *four* of these actions will earn you full participation points for the day.

**Presentations:** Though the atmosphere in this class should be informal and friendly, what we do in the class is serious business. In particular, the presentations made by students are to be taken seriously since they offer meaningful opportunities for taking risks and exposing the whole class to new methods for solving problems. Here are some of my expectations:

- The purpose of class presentations is not to prove to me that the presenter has done the problem. It is to make the ideas of the solution clear to the other students.
- Presenters should explain their reasoning as they go along, not simply write everything down and then turn to explain.
- Fellow students are allowed to ask questions at any point and it is the responsibility of the person making the presentation to answer those questions to the best of their ability.
- Since the presentation is directed at the students, the presenter should frequently make eye-contact with the students in order to address questions when they arise and also be able to see how well the other students are following the presentation.

If you have an idea about a solution that you'd like to present, but you are worried that your solution is incomplete or you are not confident your solution is correct, present anyway! We can all learn from exploring new ideas together and discussing interesting mistakes.

I will often ask for volunteers to present solutions, but when no volunteers come forward, I will call on someone to present. Each student in the audience is expected to be engaged during another student's presentation.

**Quizzes:** You will have short quizzes *regularly* at the start of co-seminar. *If you miss co-seminar or are late to co-seminar, chances are you have missed a quiz.*

**Outside of Class Engagement:** One of the key factors to success in mathematics is putting in time outside of class. I want this category to help you stick to the amount of practice that you need to master this subject. If you don't think the options below will be helpful to you, we may be able to come to an alternate arrangement.

You need to log 20 items to get full credit in this category. I will provide a log for you and it is your responsibility to keep track of them between each exam. I will review and update your grade during each exam. Here are the various ways you may earn credit in this category:

- Spend 50 minutes working in the M (have an M tutor sign your log or bring me one of the paper slips from the M signed by an M tutor).
- Spend 50 minutes working in the MARC (Have a MARC tutor or the greeter sign your log).
- Meet with me to discuss mathematics outside of class.
- Meet with a study group for at least 50 minutes (text or email me a group picture when you meet and note it in your log). Talk to me if you want help forming a group!
- SASC or non-SASC events that are eligible for credit in this category will be announced as they arise.

**Other Assignments:** Throughout the course, there will be a few additional assignments to build a strong mathematical foundation. We will have a special assignment before every exam to aid in preparation for exam. We will also have a post-exam assignment to revisit our errors and examine the effectiveness of our study habits. There will also be a research poster due toward the end of the semester to foster research skills in the context of mathematics.

**The M:** Free Drop-In Tutoring is available in the SASC Math Office Hours Room (the M) located in Fleming 193. This is a great place to meet other students in the course and work together. You may request help from any of the instructors, IAs, or other staff. Show up prepared, with your textbook and class materials. When you ask a question, begin with a clear statement of the problem, what you have already tried, and why you think it should have worked. The M's Fall hours are:

Monday–Thursday 9:00 AM–5:00 PM, Friday 9:00 AM–3:00 PM

## STUDENTS' RIGHTS, RESPONSIBILITIES, AND RESOURCES

*SASC supports a learning environment in which all people are valued and feel safe to pursue their education in the most supportive environment possible. As we work together, we are all charged with the responsibility of creating and preserving this environment. If you feel your learning would be supported by any accommodation, discuss the possibilities with your instructor.*

**Email and Communication:** Email is the university's official form of communication (following the general pattern name@colorado.edu). Effective communication and collaboration with all members of the SASC community is essential for your success. Stay current and responsive to all email notifications and requests, giving special and immediate attention to any emails addressed to you from SASC, McNeill, your instructor, and/or your academic coordinators. For more information, see the student email policy at [www.colorado.edu/policies/student-e-mail-policy](http://www.colorado.edu/policies/student-e-mail-policy).

**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, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. 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. See policies at <http://www.colorado.edu/policies/classbehavior.html> and at [http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student\\_code](http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code)

**Accommodation for Disabilities:** If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the Disability Services website. Contact Disability Services at 303-492-8671 or [dsinfo@colorado.edu](mailto:dsinfo@colorado.edu) for further assistance. If you have a temporary medical condition or injury, see Temporary Medical Conditions under the Students tab on the Disability Services website.

**Honor code:** All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code ([honor@colorado.edu](mailto:honor@colorado.edu));303-492-5550). Students who are found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code as well as academic sanctions from the faculty member. Additional information regarding the Honor Code academic integrity policy can be found at the Honor Code Office website: <https://www.colorado.edu/osccr/honor-code>.

**Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation:** The University of Colorado Boulder (CU Boulder) is committed to fostering a positive and welcoming learning, working, and living environment. CU Boulder will not tolerate acts of sexual misconduct (including sexual assault, exploitation, harassment, dating or domestic violence, and stalking), discrimination, and harassment by members of our community. Individuals who believe they have been subject to misconduct or retaliatory actions for reporting a concern should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127 or [cureport@colorado.edu](mailto:cureport@colorado.edu). Information about the OIEC, university policies, anonymous reporting, and the campus resources

can be found on the OIEC website: [www.colorado.edu/institutionalequity/](http://www.colorado.edu/institutionalequity/). Please know that faculty and instructors have a responsibility to inform OIEC when made aware of incidents of sexual misconduct, discrimination, harassment and/or related retaliation, to ensure that individuals impacted receive information about options for reporting and support resources.

**Religious Holidays:** Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, I ask that you inform me of any conflicts at least one week in advance so we may make alternate arrangements. See the campus policy regarding religious observances for full details: [www.colorado.edu/policies/observance-religious-holidays-and-absences-classes-andor-exams](http://www.colorado.edu/policies/observance-religious-holidays-and-absences-classes-andor-exams).

## ADDITIONAL CAMPUS RESOURCES

*Many issues can be resolved by talking directly with the parties involved, and you are encouraged to try to do so first. If you need other assistance, the following resources can either help you or direct you to the right person. Please note, only staff members in Victims Assistance, the Ombuds Office and Counseling are allowed to keep reports of harassment and discrimination confidential, all other staff members are required to report.*

SASC web page: <http://www.colorado.edu/sasc/>

Rebecca Machen, SASC Math Coordinator 303-492-1406 [rebecca.machen@colorado.edu](mailto:rebecca.machen@colorado.edu)

Julia Willis, SASC Director of Instruction 303-492-0259 [julia.willis@colorado.edu](mailto:julia.willis@colorado.edu)

Corinna Rohse, SASC Director 303-492-2177 [Corinna.Rohse@Colorado.edu](mailto:Corinna.Rohse@Colorado.edu)

**Counseling and Psychiatric Services (CAPS):** 303-492-2277, C4C Suite N352 as well as the third floor of Wardenburg, [www.colorado.edu/counseling](http://www.colorado.edu/counseling)

A diverse staff of counselors, psychologists, and other professionals committed to offering confidential, high-quality individual and group counseling services to CU students free of charge.

**Center for Inclusion and Social Change:** 303-492-0272, C4C Suite N320, [www.colorado.edu/cisc](http://www.colorado.edu/cisc)

Supports students across multiple identities, including students of color, LGBTQ+ students, QT-BIPOC students, women and femme students and first-generation students. Students will find a welcoming and inclusive gathering space at The Center for Inclusion and Social Change, and a place to find community, resources and support for academic, personal and professional growth.

**Office of Victim Assistance:** 303-492-8855, C4C Suite S440, [www.colorado.edu/ova](http://www.colorado.edu/ova)

A free and confidential advocacy and support office that serves those who are impacted by disruptive/disturbing life events including violent crime, sexual harassment, death, and debilitating accidents.

**Ombuds Office:** 303-492-5077, C4C Suite N440, [www.colorado.edu/ombuds](http://www.colorado.edu/ombuds)

Provides informal, impartial, and confidential dispute resolution services for students, staff, and faculty. Assists with interpersonal misunderstandings or disputes as well as those with concerns about academic or administrative issues.