

Instructor: Christina Durón

Email: durocn@math.arizona.edu

Office Hours: Monday – Wednesday from 1:00-2:00 PM in MATH 319
Wednesday from 2:30 – 3:30 in Think Tank
Appointments can be scheduled via email

Office: MATH 319

Phone: (520) 621 – 6870

Website: <https://cduron.info>

Class Meeting Time: Section 1 Mondays 3:00 PM – 4:50 PM in MTL 123

Required Text: The same as the text used in Math 120R, which is a co-requisite for this course.

Online Course Management System: <https://cduron.info>

This website will be used to disseminate information such as course policies and procedures, homework assignments, and all announcements. Please check this site regularly, as it is critical for your success in this course.

Catalog Course Description: This course is designed as a complement to Math 120R. Students enrolled in the course will participate in a weekly problem session pertaining to material covered in Math 120R. Concurrent registration in Math 120R is required.

Course Overview: The main purpose of this course is to help you learn to think about mathematics, and to become a critical and independent problem solver. The problems we will work on in class emphasize understanding concepts and deemphasize rote memorization. In addition to the text, we will be using graphing calculators to help us better visualize the fundamental ideas, as well as to do routine computations.

As a student in this course, you and your peers will have the ultimate responsibility for doing the mathematics in the course. You will be the ones doing the “heavy lifting” in the course; that is to say, the cognitive work needed to understand and master the concepts. The course is structured to engender discussion and group work aimed at solving problems. In this course, the instructor acts primarily as a facilitator for your own exploration and learning. Frequently, a given question will have more than one possible answer; a problem may have no right method of solution, though one answer might be better or one method more efficient than another.

This is an inquiry-based course. Class time will consist primarily of small-group discussion about problems that will be posted prior to the class meeting. It is important that you prepare the week’s problems ahead of time, and be ready to discuss them.

We are looking forward to an active and exciting semester of learning mathematics!

Course Co-requisite: Concurrent registration in Math 120R is required.

Course Goals:

- To promote problem-solving and critical thinking skills by working on Precalculus problems with other students.
- To improve understanding of concepts in Precalculus through the use of in-class discussion and problem-solving in small groups.
- To enhance learning and understanding of Precalculus concepts through the use of graphing calculators.
- To promote and utilize the “Rule of Four”: All concepts are explored algebraically, numerically, graphically, and in-context with applications.
- To help strengthen students’ general academic skills.

Communication with Students: Announcements and important course information may be sent out via official University email or through D2L. It is the student’s responsibility to check for messages and announcements regularly. If you need to communicate with me, please use email. I check email frequently during the day but sporadically on weeknights and weekends. You can expect a response from me, in general, within 24 hours of sending the email during the week, but on weekends, you should expect a slower response.

Accessibility and Accommodations: It is the University's goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; drc.arizona.edu) and notify your instructor of your eligibility for reasonable accommodations as soon as possible. You will then be able to work with your instructor to plan how best to coordinate your accommodations. Please be aware that the accessible table and chairs in the classroom should remain available for students who find that standard classroom seating is not usable.

Attendance/Administrative Drops: Daily attendance is expected from every student. Students who miss the first class meeting may be administratively dropped unless they have made other arrangements. In addition, students with more than 3 unexcused absences may be administratively dropped from the course (see Administrative Drop Policy at <http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop>). If you need to miss class for unavoidable circumstances, see your instructor as soon as possible.

- All holidays or special events observed by organized religions will be honored for those students who show affiliation with that particular religion.
- Absences pre-approved by the UA Dean of Students (or Dean's designee) will be honored.

It is the student's responsibility to notify the instructor in advance of an absence related to religions observation or an activity for which a Dean's excuse has been granted, and to arrange for how any missed work will be handled.

Academic Integrity: Students are responsible to inform themselves of University policies regarding the Code of Academic Integrity. Students found to be in violation of the Code are student to penalties ranging from a loss of credit for work involved to a grade of E in the course, and risk possible suspension or probation. The Code of Academic Integrity will be enforced in all areas of the course, including homework. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see the website <https://deanofstudents.arizona.edu/policies/code-academic-integrity>.

Student Code of Conduct: Students at The University of Arizona are expected to conform to the standards of conduct established in the Student Code of Conduct. Prohibited conduct includes:

1. All forms of student academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, and plagiarism.
2. Interfering with the University or University-sponsored activities, including but not limited to classroom related activities, studying, teaching, research, intellectual or creative endeavor, administration, service, or provision of communication, computing, or emergency services.
3. Endangering, threatening, or causing physical harm to any member of the University community or to oneself or causing reasonable apprehension of such harm.
4. Engaging in harassment or unlawful discriminatory activities on the basis of age, ethnicity, gender, handicapping condition, national origin, race, religion, sexual orientation, or veteran status, or violating University rules governing harassment or discrimination.

Students found to be in violation of the Student Code of Conduct are subject to disciplinary action. For more information about the Student Code of Conduct, including a complete list of prohibited conduct, see the website <https://deanofstudents.arizona.edu/student-rights-responsibilities/student-code-conduct>.

Other Relevant University Policies Relating to Conduct: Please take note of the following University policies:

- Policy on Threatening Behavior by Students: <https://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students>
- Nondiscrimination and Anti-Harassment Policy: <https://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy>

Your Responsibilities as a Class Member:

- The classroom is a place where all students need to be engaged in learning. This means that it cannot be a place for casual conversations, reading the newspaper, doing homework for other classes, using your cell phone, etc.

Withdrawals must be made in accordance with University policy <https://catalog.arizona.edu/policy/grades-and-grading-system#Withdrawal>. You may drop the class without a W through September 28 using UAccess. The class will appear on your UAccess record, but will not appear on your transcript. You may withdraw with a W through November 10 using UAccess. The University allows withdrawals after November 10, but only with the Dean's approval. Late withdraws are dealt with on a case by case basis, and requests for late withdraw without a valid reason may or may not be honored.

A grade of Incomplete will be given only at the instructor's discretion, according to University Policy as described at <http://www.registrar.arizona.edu/grades/incomplete-i-grade>.

Changes to Course Policies: The information contained in the course policies, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.