

Math 120R Preparation for Calculus

Course Policy

Spring 2012

Required Text: *Precalculus for the University of Arizona, 5th edition*, by James Stewart, Lothar Redlin, and Saleem Watson

Course webpage: <http://math.arizona.edu/~precalc>

Course Objectives

- To prepare students to be successful in the Calculus sequence at UA (Math 124, 129 and 223)
- To help students develop and refine basic algebra skills by way of an integrated review of these skills as they are needed in the course.
- To promote problem-solving and critical thinking skills through the application of algebraic concepts to common situations.
- To enhance learning and understanding of algebraic concepts through the integrated 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 incorporate writing into the curriculum. Through writing about mathematics you will increase your understanding of the mathematical concepts.
- To help strengthen students’ general academic skills.

Attendance

Daily attendance is expected from every student. Students who miss the first two class meetings will 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/2011-12/policies/classatten.htm>) 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 will be honored.

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 subject 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, but not limited to, tests and quizzes. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see <http://deanofstudents.arizona.edu/policiesandcodes/codeofacademicintegrity>

Classroom 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 University or University-sponsored activities, including but not limited to classroom related activities, studying, teaching, research, intellectual or creative endeavor, administration, service or the 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 Code are subject to disciplinary action. For more information about the Student Code of Conduct, including a complete list of prohibited conduct, see the following website: <http://deanofstudents.arizona.edu/policiesandcodes/studentcodeofconduct>. Students should turn off all electronic devices during class unless the device is deemed necessary for the class by the instructor. This includes, but is not limited to cell phones, mp3 players, pda's and computers.

Calculators

A graphing calculator (TI-83, 84, or 86) is required for this course. Calculators that perform symbolic manipulations (such as the TI-89 or TI-92) cannot be used. For in-class exams, quizzes, and the final exam, the only program allowed in your calculator is the QUADRATIC FORMULA program found on the Math department website under Academics and on the course webpage.

Homework/Quizzes/WebAssign

A homework/quiz/WebAssign policy will be distributed to you in class or posted at an online location to be announced by your instructor.

In-Class Exams

All electronic devices, particularly cell phones, must be turned off during exams. Silent and vibrating modes are not allowed. There will be six in-class exams. Four of these exams will cover the material from the text and two of these exams will be algebra tests. All exams are closed-book and closed-notes, and **no calculators** will be permitted for the algebra tests. The exact dates of the in-class exams will be announced by your instructor. Any questions regarding the grading of exams need to be cleared up within one week after the exam has been returned. Please note that exam scores will **not** be curved and there is **no** extra credit.

Missed Exams

Students are expected to be present for all exams. If a verifiable emergency arises which prevents you from taking an in-class exam at the regularly scheduled time, you must notify your instructor as soon as possible, and in any case, prior to the next regularly scheduled class. Make-up exams will be administered only at the discretion of the instructor. If a student is allowed to make up a missed exam, (s)he must take it at a mutually arranged time. No further opportunities will be extended. Failure to contact your instructor as stated above or inability to produce sufficient evidence of a real emergency will result in a grade of zero on the exam.

Final Exam

The final exam is a common, comprehensive final given to all sections of 120R. The final exam is on Monday, May 7, 2012 from 8:00 to 10:00 a.m. You will also find this time and date under the Final Exam Schedules on the UA website. The location of the final will be announced by your instructor later in the semester. Please do not arrange to leave town prior to this date as this exam will only be given on the date scheduled by the University.

Tuesday/Thursday class meetings

For those sections with class meetings 4 days a week, one day each week you will have a class period with extended time. This day is Tuesday or Thursday and the class meets for 1 hour and 15 minutes as opposed to 50 minutes. Most likely your class will also meet in another classroom. This day is reserved for lecturing, exams or quizzes, algebra review, worksheets, or for other activities planned by your instructor.

Students with Disabilities

If you anticipate issues related to the format or requirements of this course, 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; <http://drc.arizona.edu>) and that you notify your instructor of your eligibility for reasonable accommodations by Wednesday, January 25th. You and your instructor can then plan how to best coordinate your accommodations.

Grades

In-class book exams total	400 points
1 st Algebra exam	25 points
2 nd Algebra exam	75 points
Homework/Quizzes/Webassign	100 points
<u>Final exam</u>	<u>200 points</u>
<i>Total possible points</i>	800 points

You are Guaranteed a Grade of:

- A if you earn at least 720 points (90%)
- B if you earn at least 640 points (80%)
- C if you earn at least 560 points (70%)
- D if you earn at least 480 points (60%)

The Department of Mathematics Undergraduate Committee recently adopted a new policy that a grade of C or better in Math 120R is a necessary prerequisite for Math 124 (Calculus I). Students who receive a D in Math 120R will receive credit for the course towards graduation requirements, and will be able to use the course for their general education math requirement, but will not be automatically qualified to register for Math 124. Students may always exercise the option of taking the math placement test to achieve placement into Math 124.

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/gradepolicy/incomplete.htm>

Withdrawal

A student may withdraw from the course with a deletion from record through February 7, 2012, using UAccess. A student may withdraw with a grade of "W" or change to Audit through March 6, 2012, using a change of schedule form with your instructor's signature.