

MATH 125 – Calculus I
Section 016
Fall 2015

TR

Instructor Contact Information

Instructor: Matthias Morzfeld

Office: S331 (ENR2)

Office Hours: Regular office hours in S331, ENR2 -- Monday 1pm-2pm, Tuesday 11am-12noon
Tutoring in Math-East 145 -- Wednesday 11am-12noon

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Website/ D2L: math.arizona.edu/~mmo/math125/math125.html

Calculus Website: <http://math.arizona.edu/~calc>

General Information

Course Description: Math 125 is an introduction to calculus with an emphasis on understanding and problem solving. Concepts are presented graphically and numerically as well as algebraically. Elementary functions, their properties and uses in modeling; the key concepts of derivative and definite integral; techniques of differentiation, using the derivative to understand the behavior of functions; applications to optimization problems in physics, biology and economics.

Prerequisites: Appropriate Math Placement Level or Proctored/Prep for Calculus 90+ or MATH 125.

Textbook: *Calculus Single Variable*, Sixth Edition by Hughes-Hallett et al. published by Wiley. The computer grading program, WebAssign, includes an electronic version of the text (see more below).

Calculators: The TI-83 or TI-84 models are recommended. Calculators that perform symbolic manipulations, such as the TI-89, NSpire CAS, or HP50g, cannot be used.

Communication with Students

It is the student's responsibility to check for announcements and messages regularly. The best way to reach me is by email and I will try to answer within 48 hrs.

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. Students who have more than 3 unexcused absences you may be administratively dropped.

Please note the following:

- 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 religious observation or an activity for which a Dean's excuse has been granted, and to arrange for how any missed work will be handled.

Expected Classroom Behavior

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, and laptops. If you have a disability-related accommodation that involves the use of a computer during class, please discuss this with your instructor in advance.

Homework

Homework will be submitted in two formats throughout the semester. WebAssign will be used for problems assigned from the text. Hand-written homework showing all work with proper notation will also be submitted. These problems will come from the text and/or from a set of problems created by me. The due dates of the WebAssign homework are posted on WebAssign. The due dates of the additional handwritten homework will be announced when the homework is announced. I will announce it in class and provide links to the problems on my website and/or on WebAssign. I may have up to four unannounced quizzes during the semester. These quizzes can count as much as an additional homework. There are no make-up quizzes. Only your two best quizzes will count. A final homework score based on 100 possible points will be computed.

To create a WebAssign account, go to <http://webassign.net>, click on the Class Key button. Our class key is arizona 2308 9155. There is a 14-day grace period (from the first day of classes) before you must purchase/ submit your access code for this class. Each time you log-in, you will see a reminder.

Midterm Exams

The three in-class exams are tentatively scheduled for Thursday, September 24; Tuesday, October 27; and Thursday, December 3. The total for the three exams will be 400 points. Exam 1 is 100 points, Exams 2 and 3 are 150 points. All electronic devices must be turned off during all exams. In general, there will be no make-up exams in the course. However, in complex and unusual circumstances which are beyond your control, a make-up exam may be given on a case-by-case basis. This will require providing a detailed account of the situation and supporting documents. Approval in these cases is at the sole discretion of the instructor and/or the dean of students. You can use a calculator (see calculator section for what calculators are allowed) during the exams.

Final Exam

The final exam is a 200 point common department exam scheduled for Tuesday, December 15 from 1:00-3:00 pm. The room for the final exam will be announced by your instructor, and will be posted on the Calculus website. Additional information and a study guide can be found at <http://math.arizona.edu/~calc>. The University's Exam regulations for final exam week will be strictly followed. <http://www.registrar.arizona.edu/schedule101/exams/examrules.htm>

Calculation of Course Grades

Grades will be determined by a percentage of the 700 total possible points in the course. Grades will be no lower than those set forth in the scale below:

A: 100-90% B: 89-80% C: 79-70% D: 69-60% E: 59-0%

Homework (WebAssign, handwritten, quizzes): 100 points

Exam 1: 100 points

Exam 2: 150 points

Exam 3: 150 points

Final Exam: 200 points

The above percentages are computed from these 700 points you can earn in this class.

Please note the following: A grade of C or better in Math 125 or 122B is a necessary prerequisite for Math 129 (Calculus II). Students who receive a D in Math 125 or 122B will receive credit for the course towards graduation requirements, and will be able to use their course for the general education math requirement, but will not be automatically qualified to register for Math 129.

A grade of "I" (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>.

Withdrawals

If you withdraw from the course by September 6, the course will remain on your UAccess academic record with a status of dropped, but will not appear on your transcript. If you withdraw from the course between September 7 and November 1, you will receive a grade of W. The University allows withdrawals after November 1 through November 20, but only with the Instructor's permission and Dean's signature. Late withdrawals will be dealt with on a case by case basis, and requests for late withdraw with a W without a valid reason may or may not be honored.

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 let your instructor know immediately so that you can discuss options. You are also welcome to contact Disability Resources (520-621-3268) to establish reasonable 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.

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, homework, quizzes, and tests. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see the following website: <http://deanofstudents.arizona.edu/academic-integrity/students/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 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 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 following website: <http://deanofstudents.arizona.edu/accountability/students/student-accountability>

Other Relevant University Policies Relating to Conduct

Please take note of the following University policies:

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