

MATH 223 – Vector Calculus
Section 11 MTR
Spring 2011

Instructor: Yaron Hadad

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Course Webpage: <http://math.arizona.edu/~calc>

Text: Multivariable Calculus, Fifth Edition by Hughes-Hallett et al. published by Wiley.

Attendance: Students are expected to attend every scheduled class and to be familiar with the University Class Attendance policy as it appears in the General Catalog. It is the student's responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes. Students are expected to behave in accordance with the Student Code of Conduct and the Code of Academic Integrity. The guiding principle of academic integrity is that a student's submitted work must be the student's own. University policies can be found at <http://deanofstudents.web.arizona.edu/uapolicies>.

Homework/Quizzes: Homework will be submitted in two formats throughout the semester. A computer grading program called WebAssign will be used for problems assigned from the text (see other side for more information) and 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 the instructor. In-class quizzes will also be given regularly. However, there are no make-up quizzes. In some of the quizzes calculators will be allowed. The lowest two quiz grades will be dropped, and a final homework/quiz score based on 100 possible points will be assigned.

In-Class Exams: In-Class Exams: The four in-class exams are scheduled for Thursday, **February 3**; Thursday, **March 3**; Thursday, **March 31**; and Thursday, **April 28**. Each exam will be worth 100 points. There will also be a 20 point Preliminary material exam given on Thursday, **January 20**. This exam will cover differentiation and integration skills that are essential for success in Math 223. Calculators and integration tables are not allowed on the Preliminary Exam. Review problems can be found at <http://math.arizona.edu/~calc>. All electronic devices, particularly cell phones, must be turned off during all exams. Silence and vibration modes are not allowed.

Missed Exam Policy: In general, there will be no make-up exams in the course. However, in complex and unusual circumstances which are beyond control, a make-up exam might be given on a case-by-case basis. This will require providing a detailed account of the situation and any supporting documents. Approval in these cases is at the sole discretion of the instructor and/or the dean of students.

Final Exam: The final exam is a common department exam worth 200 points. It is scheduled for **Monday, May 9** from **1:00 – 3:00 pm**. 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. The regulations can be found at <http://www.registrar.arizona.edu/schedule104/exams/examrules.htm>.

Calculators: A graphics calculator is an important tool that will be used in this course. Students are expected to have a working calculator for each exam except for the preliminary exam. No calculator swapping is permitted during exams.

Grades: Your final course grade will be determined by a percentage of the 720 total possible points in the course. Grades will be no lower than those set forth in the following table:

$648 \leq \text{points} \leq 720$	90% to 100%	A
$576 \leq \text{points} \leq 647$	80% to 90%	B
$504 \leq \text{points} \leq 575$	70% to 80%	C
$432 \leq \text{points} \leq 503$	60% to 70%	D
$0 \leq \text{points} \leq 431$	0% to 60%	E

Students with disabilities:

If you anticipate barriers related to the format or requirements of this course, please meet with me so that we can discuss ways to ensure your full participation in the course. If you determine that disability-related accommodations are necessary, please register with Disability Resources (621-3268; <http://drc.arizona.edu>) and notify me of your eligibility for reasonable accommodations. We can then plan how best to coordinate your accommodations.

Students withdrawing from the course:

If you withdraw from the course by February 8, the course will be deleted from your enrollment record. If you withdraw from the course by March 8, you will receive a grade of W provided you have a passing grade at the time of withdrawal. The University allows withdraws after March 8, but only with the Dean's signature. Late withdraws 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.

Incompletes:

The grade of I will be awarded if all of the following conditions are met:

1. The student has completed all but a small portion of the required work.
2. The student has scored at least 50% on the work completed.
3. The student has a valid reason for not completing the course on time.
4. The student agrees to make up the material in a short period of time.
5. The student asks for the incomplete before grades are due, 48 hours after the final exam.

Computing Resources: Information about using computers on campus, setting up a UA email account, and computer support can be found at <http://www.oscr.arizona.edu>. A list and map of open access computing facilities on campus can be found at <http://www.oscr.arizona.edu/maps>.

Instructions for WebAssign: To create an account for our class go to <http://webassign.net>, click on the Log-In button, then click on the 'I Have a Class Key' button. Our class key is 'arizona-4104-8189'. You must do this even if you have used WebAssign in the past or are using it for another course this semester. There is a 14-day grace period (from the first day of classes) before you must purchase/ submit your access code for our class. Each time you log-in, you will see a reminder.