

**Math 4013
Vector Calculus
Spring 2011**

Instructor: David Kighuradze

Office: North Hall 374A

Office Hours: MW 3:15-4:30 pm or by appointment.

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Phone: Best way to reach me is by e-mail. You can call my office at 405 744-1807, 580 718 4247 or leave a message at 405 744-5688.

Textbook.

- *Vector Calculus* (Fifth Edition) by Jerrold E. Marsden and Antony J. Tromba.

Examinations: There will be three seventy five-minute examinations with a maximum possible score 100 points each and a 200 point comprehensive final examination. The lowest exam score can be replaced by the student's percentage score on the final exam if their score on the final exam is higher than their lowest exam score. (For example, if a student has a 50/100 on the lowest exam and scores 140/200 on the final then the 50 will be replaced by 70). Make-up examination will be given only for very serious and unavoidable conflicts, and only if you notify me in advance. Exams will be given **February 13th**, **March 21st** and **April 13th**, tentatively. The final examination will be on **May 2nd** at 6:00-7:50 pm.

Homework-Quiz Grade: Quizzes will be unannounced. Homework will be assigned but not graded. There will be total 12 quizzes collected during the spring semester. I will drop the two lowest quiz scores when computing you final quiz grade.

Attendance: Attendance is important for your success in the course. I will record attendance most days by circulating an attendance sign in sheet. At the end of the semester attendance will be used to determine grades in borderline cases.

Withdrawal from the Course: See the OSU catalog, Academic regulation 5.4. It is your responsibility to know and comply with all dead lines.

Incomplete Grade: The grade of "I" is given to students who satisfactorily completed the majority of the course work and whose work averages "D" or better, but who have been **unavoidably** prevented from completing the remaining work of the course.

Academic Dishonesty/Misconduct: Academic dishonesty is behavior in which a deliberately fraudulent misrepresentation is employed in an attempt to gain undeserved intellectual credit, either by one's self or for another. Academic dishonesty is not condoned or tolerated at OSU. The minimum penalty for an act of academic dishonesty will be the assignment of a grade of 0 on the examination, quiz, or homework assignment.

Special Accommodation for Students: If a member of this class feels that he/she has a disability and needs special accommodation of any nature whatsoever, I will work with you and the Office of Student Disability Services, 315 SU, to provide reasonable accommodations to ensure that you have fair opportunity to perform in this class. Please advise the instructor of such disability after the first scheduled class period.

Course Evaluation: Course grades will be determined according to the following distribution:

10 quizzes @ 15points each -----	150pts
3 exams @ 100 points each -----	300pts
Final exam -----	200pts
Total-----	650pts.

Letter grades will be assigned according to the following scale. The percentage score on the final examination can be used to replace the hour examination score.

A	585-650pts
B	520-584pts
C	455-519pts
D	390-454pts
F	0-389pts

Notes: Any changes in this syllabus will be communicated to you in class by the instructor.

Four step learning: Step one is to read the material and write down the important points. Step two is to ask questions on the reading material and to watch the instructor do an example. Step three is to work on an example problem in either a group setting or a problem whose solution is in the textbook so you can get feedback on your attempted solution. Step four is to complete the assigned homework problems.