

22M:037 Eng. Math. V: Vector Calculus

Fall, 2004

Instructor: Lihe Wang

Office, phone and e-mail: 225B MLH, 335-3253 and lwang@math.uiowa.edu

Office Hours: 11:30-12:20W

Class Hours: MWF 9:30-10:20, 214 MLH Section 091 or Class Hours: MWF 10:30-11:20, 113 MLH Section 101

Goals and Objectives of the Course:

To learn multivariable calculus.

Textbook:

R. Ellis & D. Gulick: Calculus with Analytic Geometry, 5th edition, Saunders College Publishing, 1994.

Final Examination:

December 16, 2004, Thursday, 9:45AM, 214 MLH for 9:30 class and December 15, 2004, Wednesday, 9:45AM, 113 MLH for 10:30 class.

Grading Procedures:

Homework: 20%, Midterm I: 20%, Midterm II: 20%, Final: 40%.

Homeworks are due each Monday 4:00 in the graders mailbox.

TA and his Office hour Matlab Hour M 1:30-2:30, 3:30-4:30.

Course Syllabus:

We will cover Chapters 13, 14 and 15 of the textbook.

Remark: Regular attendance will be expected. This course plan may be modified during the semester. Such modifications will be announced in advance during class periods; the student is responsible for keeping abreast of such changes.

Note to Student: The Department of Mathematics has offices in 14 MLH. To make an appointment to speak with the chair, call 335-0708.

This course is given by the College of Liberal Arts and Sciences. This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at: <http://www.uiowa.edu/provost/deos/crossenroll.doc>

Please let the instructor know if you have a disability which requires special arrangements.