MA265 Calculus III

Winter 2005, MWF 12:00 - 12:50 WS3806

Instructor	Dr. Roxin Zhang
Textbook	Multivariable Calculus - James Stewart, 5e
Office Hours	MWRF 11:30 - 12:00, 2:00 - 3:00 or by appointments. NSF 3013. rzhang@nmu.edu, Tel: 227-1596
Prerequisite	MA163 and MA211
Software	Mathematical program Maple will be used during the semester.
Contents	We will start from the Chapter 13 and cover the basic materials of the calculus, analytic geometry and vector analysis in higher dimensional spaces. To be able to understand the contents of this course, one must have a good background in calculus, trigonometry and algebra. Here is a list of the chapter titles: - Vectors and the geometry of space - Vector functions - Partial derivatives - Multiple integrals - Vector calculus
Homework	Exercise problems will be assigned after each lecture. Students are expected to do the homework and participate in the discussions during the following lectures.
Tests and Quzzes	There are three types of tests: Quizzes - quizzes (take-home or in-class) will be given on a regular basis. Midterm - Tentatively scheduled in the 7th week. Final exam - A comprehensive exam.
Attendance	Attendance will be checked randomly and will be calculated into the grade. Remember that the poor attendance is one of the primary causes of failing a class.
Grading	Grades are calculated according to the quizzes, midterm, final exam and the attendance. The weights are: Assignments 50 %, Midterm 20 %, Final exam 25 %, Attendance 5 %

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C. B. Hedgcock (227-1700; TTY 227-1543). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state and University guidelines.