

Multivariable Calculus II
Math 273, Fall 2012
9:00-9:50 a.m. daily, Black 202-01

Instructor: Dr. Jon Fassett
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Office Hours: TBA

Text: Calculus, Fifth Edition, by Hughes-Hallett

Course Goals: Upon successful completion of the course, the student will be well-versed and proficient in the following areas:

- Multiple integrals and their applications.
- Line integrals.
- Divergence, Gradient, and Curl.
- Calculus of vector fields and the three fundamental theorems: Green's, Stokes', and Divergence.

Course Policies:

Attendance: Daily attendance is expected and considered necessary for success. Please bring the text and a calculator to each class meeting. You are responsible for any announcements made during class regarding homework, group work, and exams.

Homework/Groupwork: Daily homework will be assigned and periodically collected. As the assigned problems will form the basis for exams, it is to your advantage (and responsibility) to keep up with the homework. On several occasions we will work on problems together during class in small groups. These problems are designed to further your understanding of the material and familiarize you with how exam questions will be worded. Your attendance and participation in these activities will be recorded. Periodically, your solutions to the questions will be collected for grading. Homework and Groupwork will account for a total of 100 points possible.

Exams: There will be two 100-point exams announced approximately one week in advance. Make-up exams will only be allowed in extreme cases. If you miss an exam and have not made prior arrangements with me, a score of "0" will be recorded.

Final Exam: There will be a comprehensive 125-point final exam.

Course Grades: Course grades will be based upon the following point distribution

Two exams (100 pts. each)	200 pts.
Homework/Groupwork	100 pts.
Final Exam	<u>125 pts.</u>
Total	425 pts.

Course grades will be assigned based upon the following scale:

100-93% = A	79.9-77% = C+	below 60% = F
92.9-90% = A-	76.9-73% = C	
89.9-87% = B+	72.9-70% = C-	
86.9-83% = B	69.9-67% = D+	
82.9-80% = B-	66.9-63% = D	
	62.9-60% = D-	

I reserve the right to adjust the above scale (in the student's favor) if deemed appropriate.

Students with special needs or disabilities that may affect their ability to access information or material presented in this course are encouraged to contact the Director of Disability Support Services at 963-2171 (TTD 963-2143).