

**MyMathLab Website**

For online homework: <http://portal.mypearson.com/>

**Required Materials:** *MyMathLab Student Access Kit* from Addison Wesley (Pearson), which is available online at [www.pearsonmylab.com](http://www.pearsonmylab.com). You can also buy the Access Kit packaged with a hardcopy of the textbook, *Calculus: Early Transcendentals* **OR** *Multivariable Calculus*, by William L. Briggs and Lyle Cochran, Addison Wesley (Pearson), 2010, from the bookstore. Edition 1 or 2 is acceptable. The Student's Solutions Manual is available, but not required. Copies of the textbook as well as The Complete Solutions Manual are held on reserve in the Tisch Library.

**Exam Dates:** There will be two in-class exams and a final.

EXAM 1: Monday, June 6th (half class)

EXAM 2: Thursday, June 16th (half class)

FINAL EXAM: Thursday, June 30th (full class)

**Exams and Grading:** The full department policy on exams and grading can be found on the department website: <http://math.tufts.edu/>. Select *Exams and Grading Policy*. Students found violating this policy will receive an F in the course and be reported to the Dean of Students.

**Student Accessibility Services:** If you are requesting an accommodation due to a documented disability, you must register with the Student Accessibility Services Office at the beginning of the semester. To do so, call the Student Accessibility Services office at 617-627-4539 to arrange an appointment with Linda Sullivan, Program Director of Student Accessibility Services.

**Homework:** Online homework is assigned for each lecture, through the MyMathLab website. You can access my Mathlab at

<http://www.pearsonmylabandmastering.com/>

Assignments for each lecture will be due by the end of the day of the following lecture. Each assignment is weighted equally, but your lowest two scores will be dropped. The section ID for the course is **healy97731**

**Grades:**  $H$  is your online homework average,  $L$  the lower of your two midterm exam scores,  $T$  is your other midterm exam score, and  $F$  stands for your final exam score. Your course average is the larger of these two numbers:

$$.2 L + .25 T + .35 F + .1 H + .1 Q \quad \text{or} \quad .25 L + .25 T + .3 F + .1 H + .1 Q$$

If you miss a midterm exam FOR A REASON ACCEPTED AS LEGITIMATE BY THE MATH DEPARTMENT, your course average would become the larger of these two numbers:

$$.2 T + .6 F + .1 H + .1 Q \quad \text{or} \quad .35 T + .45 F + .1 H + .1 Q$$

The course average is converted into a letter grade according to the conversion chart given on the Mathematics Department website at <http://math.tufts.edu/>.

**Learning Objectives:** This course satisfies Learning Objective 1a as listed at <http://ase.tufts.edu/faculty-committees/assessment/math.htm>.

Date	Topic	Section in Book
May 25th	Intro to Vectors, Dot Products	11.1-3
May 26th	Cross Products, Lines and Curves	11.4-5
May 31st	Vector Functions, Motion	11.6-8
	<b>Quiz at the end of class</b>	
June 1st	Arc Length	11.9
June 2nd	Planes and Quadric Surfaces, Graphs and Level Curves	12.1-2
June 6th	Partial Derivatives	12.4
	<b>Exam during second half of class</b>	
June 7th	Multivariable Chain Rule, Directional Derivative	12.5-12.6
June 8th	Gradients, Tangent planes	12.6-12.7
June 9th	Max/Min Problems, Lagrange Multipliers	12.8-9
	<b>Quiz at the end of class</b>	
June 13th	Double Integrals, Polar Integrals	13.2-3
June 14th	Triple Integrals	13.4
June 15th	Cylindrical and Spherical Integrals	13.5
June 16th	Vector Fields, Line Integrals	14.2
	<b>Exam during second half of class</b>	
June 20th	Conservative Fields	14.3
June 21st	Green's Theorem	14.4
June 22nd	Divergence and Curl	14.5
June 23rd	Parametric Surface Integrals, Integrals of Vector Fields	14.6
	<b>Quiz at the end of class</b>	
June 27th	Stokes' Theorem	14.7
June 28th	Divergence Theorem	14.8
June 29th	<b>Review</b>	
June 30th	<b>Final Exam</b>	