Syllabus for Math 151 (Sections 525-527)

Fall Semester 2007

Instructor: Prof. J. R. Walton
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MATH 151 WEB PAGE: The Mathematics Department has a web page for Math 151. Its URL address is http://calclab.math.tamu.edu/docs/math151

Course Description. Credit 4. This course will cover vectors in two dimensions, differentiation and integration of functions of one variable, and applications such as work, velocity/acceleration, optimization (max/min), and curve sketching. The course meets thrice weekly in lecture and twice weekly in recitation. One of the recitation meetings is designed to discuss questions over homework or lecture. The other recitation meets in the computer laboratory where the computer package Maple will be introduced. The goal of the laboratory portion of the course is to show how problems that are too difficult to solve hand, can be solved with the help of the computer. The prerequisite for this course is either Math 150 (precalculus) or a good high school mathematics background that includes algebra II, analytic geometry and trigonometry.


Grading. Your grade will be determined by three exams, a cumulative final exam, and a laboratory grade. The weights of each of these are as follows.

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<tr>
<th>Exam I</th>
<th>Exam II</th>
<th>Exam III</th>
<th>Final Exam</th>
<th>Lab</th>
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<tr>
<td>15%</td>
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Exams I, II and III are common exams (same exam is given for all sections of Math 151) and are administered in the evenings from 7:30-9:30pm. The increased weights of the third and final exams reflect the cumulative nature of the course. The laboratory grade will be determined by online homework (10%), quizzes (40%) and computer assignments (50%).

SCHEDULE: A weekly course schedule and suggested homework list are available from the departmental Math 151 course web page.

MAKE-UP POLICY: Make-ups for missed quizzes and exams will only be allowed for a university approved excuse in writing. Whenever possible, students should inform the instructor before an exam or quiz is missed. Consistent with University Student Rules, students are required to notify an instructor by the end of the next working day after missing an exam or quiz. Otherwise, they forfeit their rights to a make-up.

SCHOLASTIC DISHONESTY: Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty, see University Student Rules.

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