Survey of Calculus

Course Information
Math 106 (8793)

August 27, 2007

MEETING TIME: Mon., Wed., & Fri. 10:25 – 11:20

PLACE: Earth Science 147

INSTRUCTOR: W. F. Hammond, ES 137B
Phone: 442-4625
Email: hammond
Web: http://math.albany.edu/~hammond/
Office hours: Mon. & Wed. 2:15 – 3:05, or by appt.


COURSE OBJECTIVE:

A survey of calculus with emphasis on problem solving.

Topics to be covered include derivatives (with applications to rates, curve sketching, and optimization), antidifferentiation, integrals and areas of curved regions, calculus of exponential and logarithmic functions, differentiation for functions of several variables, and optimization in the multi-variable context.

The material to be covered corresponds roughly to Chapters 1–7 in the textbook.

TEST SCHEDULE & GRADING:

<table>
<thead>
<tr>
<th>Event</th>
<th>Weight</th>
<th>Date</th>
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<tbody>
<tr>
<td>Final examination</td>
<td>100</td>
<td>Tue., Dec. 18, 10:30–12:30</td>
</tr>
<tr>
<td>Midterm test</td>
<td>50</td>
<td>Wed., Oct. 17, in class</td>
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<tr>
<td>Quizzes (20 @ 5 each)</td>
<td>100</td>
<td>announced with little or no notice</td>
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<tr>
<td>Total weight</td>
<td>250</td>
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ATTENDANCE:

Attendance at class meetings is a requirement for passing the course unless the student has been granted a special exception. Unexcused absence may result in failure or grade reduction. There will be no excused absences from tests except for compelling emergencies and religious holidays.