Fall 2011

MATH 1553-1 HONORS: Analytic Geometry and Calculus II

Time: Monday to Thursday 12:40–1:30

Room: Lockett 240

Prerequisite
Math 1050 or Math 1051

Textbook

Coverage
- Chapter 7: Techniques of integration (7.1–7.7)
- Chapter 10: Infinite series (10.1–10.7)
- Chapter 11: Parametric equations, polar coordinates, and conic sections (11.1–11.5)
- Chapter 12: Vector geometry (12.1–12.7)
- Chapter 13: Calculus of vector-valued functions (13.1–13.6)
- Chapter 14: Differentiation in several variables (14.3)

Grading

<table>
<thead>
<tr>
<th>Homework</th>
<th>100 pts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three 100-point exams</td>
<td>300 pts</td>
</tr>
<tr>
<td>Final exam</td>
<td>200 pts</td>
</tr>
<tr>
<td><strong>Total score</strong></td>
<td><strong>600 pts</strong></td>
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</tbody>
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Tentative scale
- A 510–600
- B 450–509
- C 400–449
- D 350–399
- F below 350

Professor H.-H. Kuo
Office: Lockett 318
Office hours: Monday to Thursday 10:30–11:30
Telephone number: 578–1610
E-mail: kuo@math.lsu.edu
Website: http://www.math.lsu.edu/~kuo