MATH 1553-2 HONORS: Analytic Geometry and Calculus II

Time: Monday to Thursday 1:30–2:20

Room: Lockett 137

Prerequisite
Math 1050 or Math 1051

Textbook
James Stewart: Calculus, Early Transcendentals, 7E, Brooks/Cole, 2012

Coverage
- Chapter 7: Techniques of Integration (7.1–7.5, 7.7, 7.8)
- Chapter 10: Parametric Equations and Polar Coordinates (10.1–10.5)
- Chapter 11: Infinite Sequences and Series (11.1–11.11)
- Chapter 12: Vectors and the Geometry of Space (12.1–12.6)
- Chapter 13: Vector Functions (13.1–13.4)
- Chapter 14: Partial Derivatives (14.3)

Grading

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Homework</td>
<td>100</td>
</tr>
<tr>
<td>Three 100-point exams</td>
<td>300</td>
</tr>
<tr>
<td>Final exam</td>
<td>200</td>
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<tr>
<td>Total score</td>
<td>600</td>
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<tr>
<td>Extra credit</td>
<td>40</td>
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Tentative scale
- A  $\geq$ 510
- B  450–509
- C  400–449
- D  350–399
- F  $<$ 350

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