MATH 96
Section 1
Spring 2005
Dr. D. Zitarelli

SYLLABUS

Class: M&W 9:40 – 11:30 in 305B Tuttleman Learning Center.


Content: Math 96 is a high-level, four-credit, second-semester calculus course that involves both theory and applications. Topics include the formal definition of the integral, techniques and applications of integration, and an introduction to infinite sequences and series. There is a mix of computational and theoretical approaches throughout the material.

Prerequisite: Math 95 with a grade of C or better, or authorization by an Honors Program advisor.

Homework: Each class generates an assignment. Homework assignments will be collected every Monday; they will be graded. Late submissions are unacceptable.

Quizzes: Ten-minute quizzes will be given every Wednesday.

Tests: There will be three two-hour tests and a cumulative two-hour final exam.

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Tests</td>
<td>60%</td>
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<tr>
<td>Final Exam</td>
<td>20% or 40% (Friday, May 6, 8:30 –10:30 a.m.)</td>
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<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
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The final score is obtained by dropping one test grade or the homework/quizzes grade, OR by counting the final exam as 20%, whichever is greater. Grade cutoffs are 90% (for an A), 80% (B), 70% (C), and 60% (D), with a + added for a score within a point of the higher grade and – within a point of the lower grade. The grade of W can be assigned up to Monday, March 28; after that, grades of A to F will be given. The College of Science & Technology allows a grade of I only for a student who could not take the final exam due to medical reasons, has an official note to verify that fact, and has completed all other material.

Groups: You are encouraged to cultivate one or two class “partners” to exchange names, phone numbers, and e-mail addresses in order to keep abreast of class work or to support each other’s efforts. You are also encouraged to form study groups for solving homework exercises and for preparing for exams. However, you are responsible for your own submissions. Shared work is encouraged – mindless copying is dishonorable and therefore unacceptable.

Technology: Calculators are encouraged in class, for homework, and on tests. Exercise sets based on *Excel* or *MATLAB* may be assigned. The use of this software will be explained and demonstrated.

Office Hours: Mondays 2:40-3:30 p.m., Wednesdays 3:40-4:30 p.m., Fridays 9:40-11:30 a.m. I will also schedule additional hours by appointment.