Fall 9-1-2000

MATH 351.01: Advanced Calculus

Thomas Tonev
University of Montana, Missoula

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SYLLABUS

ADVANCED CALCULUS (Math 351) – Fall 2000 (4 cr.)

Teacher: Dr. Thomas Tonev (Office: MATH 210, ext. 4850, e-mail: ma_tt @ selway.umt.edu, http://www.math.umt.edu/~tonev)

Basic Text: DIFFERENTIAL FORMS, A Complement to Vector Calculus by S. Weintroub, Academic Press, 1997; Additional hand-outs will be in use too.

Prerequisites: Math 251, Math 305

We meet: MTWF 12:10 – 13:00 in room MATH 311

We will cover most of the material in Chapters 1 - 5 and in the hand-outs. Not all of this can be covered in class. You are expected to read and work part of it on your own.

Grading policy:

There will be six homework assignments, four quizzes, two midterm exams1 and final exam2 on December 19, Tuesday (8:00 – 10:00) in MATH 311, same as classroom. Homework will be assigned, collected and returned to you3

Maximal credits:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Max Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st midterm (Oct. 23, Mon.)</td>
<td>60</td>
</tr>
<tr>
<td>2nd midterm (Nov. 27, Mon.)</td>
<td>60</td>
</tr>
<tr>
<td>Homework, Quizzes</td>
<td>60</td>
</tr>
<tr>
<td>Final (Dec. 19, Tue.)</td>
<td>120</td>
</tr>
<tr>
<td>Total:</td>
<td>300</td>
</tr>
</tbody>
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Letter grades are assigned by the following rule:

A final percentage score of $s > 90\%$ means $A$; Otherwise,

$80\% < s \leq 90\%$ means $B$; $65\% < s \leq 80\%$ means $C$

$55\% < s \leq 65\%$ means $D$; $s \leq 55\%$ means $F$

Days of no classes: November 7 (Election Day), November 10 (Veteran's Day), November 22-24 (Thanksgiving Vacation), December 18-22 (Final Exams).

Last day to drop/add by Cyberbear or Dial Bear this course4 is September 25; Last day to drop/add the course or grading option is October 165, after which a letter grade is assigned even it means an $F$.

If you have any questions, complaints or concerns let me know during my office hours (10:30 – 11:30 a.m., MTWF, in MATH 210), or by appointment.

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1Closed book.
2The final exam will be comprehensive.
3Homework is collected the next working day after assignment unless otherwise stated; Late work is not accepted without teacher’s consent.
4With a full refund
5No money back