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Fall 9-1-2000

MATH 351.01: Advanced Calculus

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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. Weintraub, 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:

1st midterm (October 23, Monday)	– 60
2d midterm (November 27, Monday)	– 60
Homework, Quizzes	– 60
<u>Final (December 19, Tuesday)</u>	<u>– 120</u>
<u>Total:</u>	<u>– 300</u>

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.

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