

MATH 151 – FALL 2005
CALCULUS & ANALYTIC GEOMETRY I
<http://www.math.umbc.edu/~suri/math151.html>

Lectures: SECTIONS 701/702 MW 6:30pm – 8:20pm, SS 103

Discussion Sessions: Section 701: M 5:30pm – 6:20pm, SS 112
Section 702: W 5:30pm – 6:20pm, SS 112

Instructor: Dr. Manil Suri

Office: Room MP 419 (Phone: 455–2311)

E-MAIL ADDRESS: suri@math.umbc.edu

Office Hours: MW 2:00pm – 3:00pm and by appointment.

Teaching Assistants:

Bruno Georges Kamdem (Section 701)

Office: Room MP 409 E-mail: kamdem.math@umbc.edu Office Hours: TBA

Alen Agheksanterian (Section 702)

Office: Room SS 401 E-mail: aa5@math.umbc.edu Office Hours: TBA

(You can go to either Assistant for help.)

Prerequisite: MATH 150 or qualification via math. placement test

Textbooks: *Calculus*, 5th edition, by J. Stewart

Syllabus: Chapters 1 through 6, with some omissions.

Grading: Total course score is determined on the basis of the following maximum scores:

Best 9 homeworks, 10 points each	= 90 points
Best 8 quizzes, 20 points each	= 160 points
2 Hour Exams, 100 points each	= 200 points
1 Final Exam, 150 points	= 150 points
TOTAL	= 600 points

The approximate cut-offs for the course grade are:

$A \geq 90$, $90 > B \geq 80$, $80 > C \geq 70$, $70 > D \geq 60$, $F < 60$.

Homework: A list of homework problems is attached. Homeworks will be due every Wednesday and will cover the **sections completed Monday and Wednesday of the previous week**. Five problems in each assignment will be selected for grading, no credit will be given for other problems not selected. **LATE HW WILL NOT BE ACCEPTED**. To allow for conflicts in your schedule which might delay your getting the homework in on time, only the best nine scores will be counted. The total percentage for the homeworks is 15% – the primary objective is to serve as an incentive for you to keep abreast of the material and identify areas with which you have difficulty.

Quizzes: To help review previous material, a quiz will be given on most Wednesdays. **MAKE-UP QUIZZES WILL NOT BE GIVEN**. However, once again, to accommodate invariable problems with scheduling conflicts and missed quizzes, only the best 8 scores will be counted.

Tests: These will be an hour long. Tentative dates are as shown on the schedule. A make-up test will only be given if my permission is obtained in advance, or if there are emergency circumstances, with written documentation.

Calculators: These will not be needed, nor will they be allowed in quizzes, tests or exams. However, their use is encouraged in homeworks, where they can often help the understanding of a problem.

Some Advice: Math 151 is a non-trivial course, even if you have taken Calculus before. It is much more challenging than most other math courses that might have come before. You should expect to spend a minimum of 12-15 hours each week outside of class. (Yes, that does say a **minimum**.) Please

see what the author of your textbook, Prof. Stewart, has to say – play the video on the enclosed CD.

Academic Conduct and Policy: By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, the UMBC Policies section of the UMBC Directory for undergraduate students, or the Graduate School website for graduate students.