Information Sheet for Math 203

Course: Math 203 LM, Calculus 3, Fall Semester 2018
Time: Tues, Thurs 10-11:40am in NAC 1511E, T 11:50-12:40pm in NAC 1511A
Instructor: Professor Cleary
Office: NAC 8134   **Phone**: (212) 650-5122
Tentative Office Hours: Tues 1pm-1:50pm, Thurs 9:00am-9:50am, and by appointment.
Check webpage for updated info.
Text: Stewart, **Essential Calculus**, ISBN 0495014427
Sections Covered: Chapters 10, 11, 12, 13.6, 8
Math Computer Lab: NAC 1511
Optional Supplement: Adams, Hass, & Thompson **How to Ace the Rest of Calculus**
Prerequisite: a thorough knowledge of the topics of calculus from 201 and 202
Email: scleary@ccny.cuny.edu
Professor's website: http://www.sci.ccny.cuny.edu/∼cleary/
Class website: http://www.sci.ccny.cuny.edu/∼cleary/math203
There is also a Blackboard website, used for quizzes and grade information.
Department website: http://math.sci.ccny.cuny.edu

The grading of your work during the semester will be as follows:

- **Homework, Participation, and Quizzes (10%)**

- **Computer Homework and Computer Exam (10%)**

- **Exam 1 (10%):** Thursday, Sept. 27th

- **Exam 2 (15%):** Thursday, Nov 1st

- **Exam 3 (15%):** Thursday, Dec 6th

- **Final Exam (40%):** Tuesday, Dec 18th 1:00-3:15pm

Important Note on Grade Computation for exams during the semester: If you do better on a subsequent exam to an early exam, that exam grade can take the place of the earlier exam grade. This can happen at most once, so if there are several possibilities, it will happen only in the way which results in the highest grade for you. Be warned, though, that the later material will be difficult and depend on the earlier material, and thus it is a fundamentally bad idea to count on doing better later.

Final Exam: The final exam will be a departmental exam. Previous semesters' final exams are available from the department webpage. Note that you must pass the final exam to pass the course.

General Expectations: For each class hour spent in classroom lecture, I expect at least two hours spent outside of class reading and understanding notes from lecture, reading the book, and working on the homework. Math 203 is a difficult class not only because the topics are challenging, but also because there are so many topics. Furthermore, some of the topics are considerably more abstract than the topics in Math 201 and 202 and it will take

more work and energy to understand them competently. I expect all students to attend all classes and attempt all the homework.

Exam Policy: All exams are closed book. Notes, calculators and books will not be allowed. Photo ID will be required at all exams. There are **no** make-up exams. If you are going to miss an exam, it is your obligation to let me know as soon as reasonably possible beforehand. On the exams, it will be your obligation to demonstrate that you know how to solve the problems completely and correctly.

Homework Policy: Homework will be assigned in lecture each week and will be posted on the website for this class. The first homework will be collected on Thursday, August 30th. Homework will be collected at the beginning of class. I expect students to arrive on time and turn in their homework at the beginning of class. Late homework will not be accepted. Because of this policy, the lowest two homework scores will not count. Since it is not feasible to grade all of the assigned homework problems, only a select few problems will be graded on each assignment. Your homework should be neatly stapled and clearly labelled with your name, the assignment number, 'Math 203', and "Dr. Cleary".

Front Row Duty: The participation grade will largely be based upon Front Row Duty. Each lecture after the first week, there will be about 5 people who will be on Front Row Duty. The names will be announced in advance and we will cycle through the entire class several times over the course of the semester. Students on Front Row Duty are expected to sit in the front row and answer questions about the material as it is presented. This will give everyone a chance to participate and will help as we learn each other's names.

Computer Usage: We will be using computers to help understand the mathematical concepts covered during the semester. There will be periodic computer assignments using the computer algebra system MATLAB and a computer exam near the end of the semester.

General Advice: This class will require a great deal of time because we will cover many topics over the course of the semester. Lectures, homework and computer work will be an essential part of this class. If you do not have adequate time to devote to this class, please consider postponing this class until a semester in which you will have sufficient time. Remember the words of Dostoyevsky: "Originality and a feeling of one's own dignity are achieved only through work and struggle."

Academic Honesty: All work submitted for this course should be your own unless explicitly stated or acknowledged by you. If you collaborate with other students on the homework or use reference materials other than the text, you must acknowledge the help. There is nothing bad about this, but if you work with other students on the homework you must mention their names and how they helped. You are permitted to work with other students in the class, but this permission only applies to cooperative work, not to work done by one student and merely copied by another.

Math Department Free Tutoring: The Math Department has the Math Help Desk in Science 418 which has free tutoring for many courses, including 203. The hours will be posted on the math department web page and are planned to be Mon, Tues, Thurs 12-7pm, Wed 10-4, Fri 10-3pm.