

MATH 125 - 70 “Applied Calculus”

Department of Mathematical Sciences

Fall 2010

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: MATH 101(C – or higher) or placement exam.

Course Description: This course includes review of algebra, derivatives, and integrals including exponential and logarithmic functions. Applications to Economics, Business, and Technology will be studied.

Instructor: Igor Ferdman

Email: ferdmani@mail.ccsu.edu, igor@ferdman.us or iferdman@sbcglobal.net

Office: MS 211 (Maria Sanford)

Office Hours: Wednesday from **9:50 a.m.**, Saturday from **10:40 a.m.** and by appointment.

Textbook: Calculus and its Applications by Bittinger & Ellenbogen, 9th ed., 2008, Addison Wesley Longman, Inc.

Class Meeting Times: Saturday 8:00 a.m. – 10:40 a.m.

Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.

Coverage: Anticipated coverage of the text, subject to change, is as follows:

Chapter R – Functions, Graphs, and Models (R.1 – R.6)

Chapter 1 – Differentiation.(1.1 – 1.8)

Chapter 2 – Applications of Differentiation (2.1 – 2.7)

Chapter 3 – Exponential and Logarithmic Functions (3.1 – 3.6)

Chapter 4 – Integration (4.1 – 4.7).

University Policies:

1. You must take the final examination at the time specified in the course selection book.
2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share.

I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room **241**, Copernicus

Hall, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”

4. The last day to withdraw from a course and receive the grade of “W” is Monday, October 25. Approvals for withdrawal prior to this date are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course. After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.

Resources Available:

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Rooms 241, Copernicus. Free tutoring is available. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, **832-2835**.

Exams and quizzes. There will be **2** midterm exams (TBA) and a comprehensive final exam. Final exam will be held on **Saturday, December 11** in regularly scheduled classroom unless otherwise notified by instructor. Exam time is **8:00 a.m. – 10:00 a.m.**

Throughout the semester we will be having quizzes, I will outline the dates when they will be given. All work must be shown. All quizzes and exams will be closed notes and closed book. One handwritten index card is allowed. There will be no make-ups for missed work unless justified and well-documented circumstances. I reserve the rights to refuse a makeup exam.

Special notes

- Students are not allowed to leave the room and then return while taking a test or exam unless permission is explicitly granted by the instructor. In the case of an emergency, please check with the instructor.
- We will use frequently TI-83 Plus graphing calculator in class.
- Student graded work will be **randomly scanned** before it is handed out.
- Cell phones, laptops and PDA’s are not to be used during class, exams, or quizzes unless special accommodations are necessary

- If you feel there was an error in grading or something is unfair, feel free to discuss it with me after class.

Homework.

There will be homework assignments, which will be collected periodically throughout the semester. Always have your assignments prepared on time and ready to be passed when required. Your homework should be complete and easy to read. Please feel free to see me for assistance. Homework is always due the following class. Not all the homework assignments will be graded.

Evaluation

Minimum averages have been established for each of these grades:

A 93% A- 90% B+ 87% B 83% B- 80% C+ 77% C 73% C- 70% D+ 67% D 63% D- 60%

To assign grades, I will form a weighted sum of all the grades you receive throughout the semester. The weighting will be

Two midterm exams	25 % each.
Quizzes	15 %
Homework	5 %
Final Exam	30 %
Total	100%

There will be a curve used in determining grades. Individual items (exams, quizzes, ...) will be curved separately. This curve will be influenced mostly by the class performance as a whole. Overall course grades will **not be curved**. Extra credit points may be given for answering interesting questions during the class. These points will be added to the next quiz or test. Details will be provided prior to the question.

Academic Misconduct::

All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and given proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filled and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.