

MAT 514, Ordinary Differential Equations, Fall 2009

Tue,Thu 12:30–1:50, Room 300 Carnegie

Professor: Claudia Miller

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Office Hours: Wed 2-5pm and by appointment

Web Page: <http://phy.syr.edu/~clamille>

Text: Boyce and DiPrima, Elementary Diff. Eqns. and Boundary Value Pblms., 9th Edition (new!)

Topics: Much of Chapters 1, 2, 3, 7, and 6.

Prerequisites: 12 credits of calculus or equiv. Credit will not be given for both MAT 514 & 485.

Helpful Warnings:

1. The material builds upon itself *rapidly!* Keep up on a daily basis.
2. Try to think of why each method works and why it applies!

As the semester goes on, that will be *much easier to remember* than specific formulas.

Quizzes: There will be regular quizzes for credit. Absolutely **no** make-up quizzes will be given, but one quiz will be dropped. (Save that for when you oversleep, miss a bus, or get ill!)

Homework: Daily homework problems will be assigned in class, but not collected. I expect you to do each set by the next lecture.

Exams: There will be two in-class midterm exams and a final exam. Tentative dates for the midterm exams are below (any changes will be announced in class).

Exam 1: Thu Oct 8

Exam 2: Tue Nov 17

The final exam is scheduled for 10:15am-12:15 on Friday, December 18, 2009.

There will be no make-ups for the midterm exams or the final.

Grading: The final grades will be computed as follows:

2 Exams	25% each
Quizzes	15%
Final	35%

In addition, half of the lowest exam score may be replaced by the score on the final.

Attendance: You are expected to attend class and participate in it. Missing class is among the most common reasons for poor performance in the course. If you miss a class, you are responsible for obtaining notes for that class from a student who attended. It is also your responsibility to find out about any announcements concerning homework, quizzes or exams made during the class.

Special considerations: Let me know now (in the first week or so of class) about any special considerations that may impact your attendance or performance! For example, these may include **sports team involvement, religious commitments, or disabilities**. For sports commitments, I will need documentation and detailed information far ahead of any conflicts.

Students with disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services(ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.

Academic integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu>

Complete academic honesty is expected of all students. Any incidence of academic dishonesty, as defined by the SU Academic Integrity Policy, will result in both course sanctions and formal notification of the College of Arts & Sciences.