Math 2400  Introduction to Differential Eqns  Fall 2016

Course Schedule: Tuesday and Friday, 2:00pm–3:20pm.

Instructor: Michael Jenkinson (jenkim2@rpi.edu, Amos Eaton 412)

Office Hours: Monday and Thursday, 1:30–3:00pm, or by appointment.

Web site:


Teaching Assistant: Stefan Schonshek (schons@rpi.edu, Amos Eaton 429)

TA Office Hours: Monday, 10:30am–12:00pm; Wednesday, 1:00pm–2:30pm.

Textbook:


Outline and Text Reading: The following are the approximate dates for the material which we will cover. Sections in parenthesis will be covered time permitting.

1. Introduction and First Order Differential Equations: text sections 1.3, 2.1 - 2.3, 2.5; August 30 – September 9.
2. Second Order Linear Eqns: text sections 3.1 – 3.8, 5.4; September 9 – October 4.
3. Laplace Transforms: text sections 6.1 – 6.5; October 4 – October 18.

Grading Policy: Attendance is not required but is strongly recommended. Homework assignments are usually suggested and not graded, unless stated otherwise. Quizzes will be given in recitation, and I will announce when they will be given ahead of time. If you are unable to attend recitation for any reason, then you must make arrangements with me in advance and not after the due date. Homework handed in up to one-day late will be penalized 20%. Homework handed in between one and two days late will be penalized 50%. No homework will be accepted more than two days late unless you have already gotten my permission ahead of time. If you think you’ve found a mistake on a graded assignment or wish to appeal a grade, please bring it to me within two weeks of receiving it. On exams, you are allowed one handwritten sheet (8.5 by 11 inches) of notes. No other aids (books, notes, calculators, laptops, cell phones, etc.) are allowed.
- Homework and/or Quizzes: 25% of course grade.
- 3 In-Class Exams (weeks of 10/7, 11/11, and 12/6): 75% of course grade.
- Optional Final Exam (during finals week): Replaces lowest grade above.
**Appealing Grades:** Appealing a grade on a homework, quiz, or exam is a straightforward thing to do. Simply stop by my office during office hours and we can discuss it. However, please appeal within *two weeks* of receiving the graded assignment.

**Academic Integrity:** Student-teacher relationships are built on trust. Acts which violate this trust undermine the educational process. The Rensselaer Handbook of Student Rights and Responsibilities defines various forms of Academic Dishonesty and you should make yourself familiar with these.

Copying from fellow students’ work or from unallowed aids during a quiz or an exam, as well as using electronic means to contact helpers outside the examination room, is a breach of academic integrity. If caught, you will earn 0 points for that quiz or exam. If caught again, you will be sent to the Dean of Students with the recommendation that you be expelled from the class with a failing grade. It is also strictly forbidden to resubmit a quiz or a test for regrading with changed answers. Such behavior will be considered the highest breach of academic integrity. It will definitely land you in the office of the Dean of Students with the recommendation that you be expelled from the class with a failing grade.

Standard Institute procedure for academic integrity breaches will be followed.