
Math 333 Syllabus

Course Information

Course number	MATH 333
Course title	Differential Equations
Course location	RBH 311
Course meeting times	Tuesday and Thursday 9:40-11:00
Textbook	Paul Blanchard, Robert Devaney, Glen Hall, <i>Differential Equations</i> , Third Edition
Course web page	http://www2.kenyon.edu/Depts/Math/Paquin/math333.html

Contact Information

Professor	Dana Paquin
Office	RBH 309-A
Office phone	740-427-5267
Email	paquind@kenyon.edu
Web page	http://www2.kenyon.edu/Depts/Math/Paquin/

Office Hours

Monday	1:00-2:30
Tuesday	1:00-2:00
Wednesday	4:00-5:00
Friday	1:00-2:30

Additional times by appointment!

If you are unable to meet with me during the times listed above, please feel free to **set up additional times by appointment**. I encourage you to attend office hours as much as possible, even if you are not having trouble with the mathematical material. Office hours serve as an opportunity for me to get to know you, for you to get to know me, for you to ask me questions, and for you to work with me and other students on problem sets. Seeing and understanding multiple solutions and/or approaches to the same problem is an important mathematical skill, and one that can be developed through interactions during office hours.

Homework

The best way to learn mathematics is by doing mathematics; thus, homework will be assigned daily. This is a junior-level mathematics course, and both the nature of the homework and the way in which it is evaluated will reflect the level of the course.

Homework to be graded will be collected weekly, typically on Tuesdays. Homework is due at the **beginning of class** on the assigned due date, unless I specify otherwise.

Late homework will NOT be accepted. If you know you will be missing class for some reason, turn in your assignment BEFORE you leave. Extensions may be granted for extenuating circumstances, but these must be discussed with me as early as possible.

Although you are encouraged to work with other students on homework problems, you must write up your final solutions on your own. Often, a large subset of the homework problems will be graded for completion only, and a small subset of the homework problems will be graded for accuracy. You are responsible for making sure that you understand the correct solutions to the problems graded for completion.

The homework may involve computer exercises as well as hand-written computations and explanations. Your homework must be legible, and your explanations must be clear. When possible and appropriate, write your explanations in complete sentences using correct mathematical and English grammar. Random expressions floating in space will receive no credit. It is your job to explain your solution to the reader, not the reader's job to search for a right idea buried in what you have written. Illegible homework will not be read or graded.

Homework assignments will be posted online on the Math 333 Homework page (accessible through the Math 333 homepage).

Daily Reading

Reading the textbook before each course meeting is a necessity. Come to class prepared with questions and comments for discussion. Make sure that you read and *understand* the examples presented in the textbook. Although there will not be enough time to cover all of the material in a given section during class, you will still be responsible for the material (unless I specify otherwise).

Software

There will be a considerable amount of work done (both in class and outside of class) with the aid of the computer algebra system (CAS) *Maple*. *Maple* is available in Pierce 001, RBH 203, and in RBH 311 (evenings only). Please contact me if you prefer to use another CAS (such as MATLAB or Mathematica).

Quizzes

On most Thursdays, there will be a short quiz on the sections discussed in the previous week. Quizzes and their solutions will be posted on the Math 333 Quizzes page (accessible through the Math 333 homepage).

Exams

There will be one take-home midterm exam and a take-home final exam in this course. The exam dates are as follows:

Midterm exam	Distributed on Thursday, February 21, 2008 Due at 5:00 pm on Thursday, February 28, 2008
Final exam	Distributed on Tuesday, April 29, 2008 Due at 11:30 am on Monday, May 5, 2008

Assessment

Your grade in this course will be based on the following components:

Homework	10%
Quizzes	10%
Labs	30% (15% each)
Midterm Exam	25%
Final Exam	25%

Learning Disabilities

If you have a disability which requires an accommodation in this class, please discuss your concerns with me, and consult Ms. Erin Salva, (Coordinator of Disability Services; Office of the Dean for Academic Advising, PBX 5453) as soon as possible. Ms. Salva (in consultation with the L.E.A.R.N. committee) has the authority and the expertise to decide on the accommodations that are proper for your disability. Though I am happy to help you in any way I can, I cannot make any accommodations for learning (or other) disabilities without proper authorization from Ms. Salva.

Academic Honesty

In general, the rules set forth in the 2007-2008 Course of Study apply. Presenting the work of others as your own is strictly prohibited. In the case of homework, you may collaborate with others in discussing how a problem may be solved, but the work you turn in must be your own. If you submit work that contains the ideas or words of someone else, then you must provide proper citation. Assistance can not be given or received on any quiz or exam associated with this course, unless explicitly stated otherwise. Audio or video recording of class sessions is not permitted.