

Math 244 Spring 2017

Syllabus

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 222

OFFICE HOURS: Mon and Wed at 1, Friday at 1 by appointment. I'll be adding times on Tuesday or Thursday depending on when some projects are scheduled.

If you can't make these times, feel free to schedule a different time. You may also stop by any time my office door is open.

OFFICE PHONE: 527-5151

EMAIL: hundledr@whitman.edu

CLASS WEBSITE: <http://www.whitman.edu/~hundledr/courses/M244.html>

1. COURSE INFO: Math 244. We meet on M, W, F at 9AM.
2. TEXT: Differential Equations (4th Edition), by Paul Blanchard, Robert Devaney and Glen Hall, 2012. See the class website for the ISBN and other links.

At the end of this course, you will understand how differential equations are used to model some particular physical phenomena. You will understand what it means to *solve* a differential equation using algebraic methods and graphical methods, and what it means to analyze the behavior of said solutions.

Generally, we will cover chapters 1, 2.1-2.3, 3.1-3.7, 4.1-4.5, 5.1-5.2, 6.1-6.5, and Appendix B, as time allows.

3. Technology: Generally, calculators will not be allowed on exams. The textbook comes with a software package called *DETools*, which can be downloaded as a standalone Java package. We'll discuss how to download it to your home computer on the first day of class.

4. Grading Criteria.

- Exams. There will be three exams (**Fri, Feb 9**, **Fri Mar 9** (the Friday before Spring Break), and **Wed, Apr 18**). The exam dates will not change, so make your plans accordingly. The last exam will be the Final Exam, which is scheduled by the Registrar and will be announced. Exams will make up 80% of the overall class grade (each is 20% of the overall grade).
- Quizzes will make up 20% of the overall grade. There are 10 total, and you may drop your two lowest scores- You are allowed these drops in case you need to miss class, so don't use these drops unless you need them. *NOTE*: Make-up quizzes are allowed **ONLY** when your absence is college authorized (oversleeping for example, is not college authorized). There will be some short projects that we'll write up. These will count as a quiz as well (to be announced/discussed later).

- Homework: The homework problems form the basis for the weekly quiz. It is expected that you will spend some time thinking about and completing the homework problems! Do not procrastinate- There is time during the beginning of each class meeting to discuss the previous day's homework assignment- This is an excellent time to ask questions!

GRADING: Grading is done on a standard scale:

$A = 92 - 100$ $A- = 90 - 91$ $B+ = 88 - 89$ $B = 82 - 87$ $B- = 80 - 81$
 $C+ = 78 - 79$ $C = 72 - 78$ $C- = 70 - 71$ $D = 60 - 69$ $F = 59$ and below

5. Help! I encourage you to come see me. If you can't make it during office hours, either email me if you have short questions, or make an appointment.

It's important to get your questions answered, so if you are not comfortable speaking in class, please make a note of your questions and come by my office so that we can discuss them.

6. Academic Honesty. Academic standards will be *strictly* adhered to as outlined in the College's policies. This means that cheating will not be tolerated. Looking at another student's exam or quiz (whether or not you mean to copy answers) while taking it will be considered cheating. *Please don't test this policy!*
7. If you are a student with a documented disability who will need accommodations in this course, please meet with the Academic Resource Center for assistance in developing a plan to address your academic needs.

Additionally, I will be relying on you to contact me in advance of each session where you will need accommodations. Please do this early enough so that reservations can be made, where appropriate.

8. **Please be courteous to your fellow students:**

- Class begins exactly on the hour, and the first 5-10 minutes are the most important, so please be on time.
- Please silence your cell phones, and store them during class and especially during all assessments. During an assessment, if you need to leave the room for any reason, I will ask that you leave your phone in class.
- No electronic devices should be used during class, please! They tend to be very distracting! If you need to use your computer during class, please clear it with me in advance.

9. **Be sure to check your Whitman email regularly.** I will occasionally send out important information about the class via email.