

Math 244 Spring 2019

Syllabus

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 222

OFFICE HOURS: Monday and Wednesday, 1:30-2:30PM. You may also set up time on Friday between 12:30 and 1:30PM (please do that in advance). If you can't make these times, feel free to schedule a different time. You may also stop by anytime my office door is open, or email me.

OFFICE PHONE: 527-5151

EMAIL: hundledr@whitman.edu

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

1. **TEXT:** Elementary Differential Equations (with or without Boundary Value Problems) 9th Edition, by William Boyce and Richard DiPrima.

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 2, 3, 6 and topics from 5, 7 and 9 as time allows.

2. **Technology:** Generally, calculators will not be allowed on exams. We will use the computer algebra system Maple at several points in the semester (we'll talk about how to get it on your home computer if you're on campus).
3. **Grading Criteria.**

- **Exams.** There will be three exams (see the class calendar). The exam dates will not change, so make your plans accordingly- especially for spring break and finals week. 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).

Note: If you need to leave the room during an exam, I will ask you to leave your phone at my desk, and you can pick it up when you return.

- **Quizzes** will make up 15% 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).
- **Maple Labs:** There will be an occasional Maple lab to turn in. Together, these will be 5% of the overall score.

- 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

4. 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.
5. 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!*
6. 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. Please contact me in advance of each session where you will need accommodations
7. **Please be courteous to your fellow students:** No electronic devices should be used during class (please put away your phone!). Exceptions to this may be made, but please ask first!
8. **Be sure to check your Whitman email regularly.** I will occasionally send out important information about the class via email.

I would like to create a learning environment for you that supports a diversity of thoughts, perspectives and experiences. To help accomplish this:

1. If you have a name and/or set of pronouns that differ from those that appear in your official College record, please let me know (feel free to send me an email if that's easier for you).
2. If you feel like your performance in the class is being impacted by your experiences outside of class, please don't hesitate to come and talk with me. I want to be a resource for you. Remember that you can also submit anonymous feedback. Also, the Academic Resource Center has a great staff that are there to help you as well.
3. I (like many people) am still in the process of learning about diverse perspectives and identities. If there was something in class that made you feel uncomfortable, please talk to me about it. (Again, anonymous feedback is always an option).