

Math 244 Spring 2022

Syllabus

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 222

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

OFFICE HOURS: Due to the rapid spread of the COVID-19 virus, for the first two weeks of class, office hours will be online. I'll reassess the risks at that point and may institute regular in-person hours after that.

It's easy to schedule an online office visit- Just email me with a few times that you're free and we'll set it up from there.

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. There are some online calculators and plotters that we'll use, but nothing that you'll need to purchase.
3. **Grading Criteria.**

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

Note: If you **miss the exam** without any prearrangements, you will receive a zero on the exam.

- Quizzes will make up 20% of the overall grade. There are at least 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).

- 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. 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!*
5. Academic Resource Center (ARC)
 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
6. **Please be courteous to your fellow students:** No electronic devices should be used during class (please put away your phone!), with the exception of tablets on which you're making notes. (NO laptops unless you've cleared it with me).
7. **Be sure to check your Whitman email at least daily.** 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).

Religious Accommodations as required by Washington State:

In accordance with the Colleges Religious Accommodations Policy (link below), I will provide reasonable accommodations for you if, because of religious observances, you have conflicts with scheduled exams, assignments, or required attendance in class. Please review the course schedule at the beginning of the semester to determine any such potential conflicts and let me know by the end of the second week of class about your needs for religious accommodations. If you believe that I have failed to abide by this policy, the link to the grievance policy is also included below, as per state law.

Link for the College's Religious Accommodations policy:

<https://www.whitman.edu/campus-life/diversity/intercultural-center/religious-and-spiritual-life/religious-accomodations>

Link for the College's Grievance policy:

<https://www.whitman.edu/human-resources/grievance-policy>

Link for the Washington State law:

<https://app.leg.wa.gov/RCW/default.aspx?cite=28B.137>