

# Math 244 Fall 2019 Syllabus

INSTRUCTOR: Dr. Hundley

OFFICE: Olin 222

OFFICE HOURS: M 4PM, W 2PM, Friday by appt. (Initial schedule)

If you can't make these times, feel free to schedule a different time. Current office hours should be available from your MyWhitman page.

OFFICE PHONE: 527-5151

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

1. **TEXT:** Elementary Differential Equations (with or without Boundary Value Problems) 9<sup>th</sup> 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. 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.