Math 124 Syllabus, Fall 2023

INSTRUCTOR: Dr. Hundley
OFFICE: Olin 222
OFFICE HOURS: M, W at 1. T at 11 (starting 2d week), and Friday at 1 by appointment.

If you can't make these times, feel free to send an email to me schedule a different time or to schedule an online visit.

OFFICE PHONE: 527-5151
EMAIL: hundledr@whitman.edu
CLASS WEBSITE: `http://www.whitman.edu/~hundledr/courses/M124.html` (and Canvas)

- **Required Text:** There are two required textbooks, both are available free of charge online (and the print versions may be purchased online as well). The books are "Active Calculus" and and "Active Prelude to Calculus", and the website for the texts are:

  `activecalculus.org`

  or for just the "Active Prelude to Calculus" here: `https://activecalculus.org/apc/`

  or for just the "Active Calculus" here: `https://activecalculus.org/acs/`

- **Technology:** For some topics, a scientific calculator will be helpful for homework (just a very cheap one will do). For quizzes and exams, calculators will generally not be allowed (specific instructions will be given for each assessment, as we may need to do some numerical work).

- **Grading Criteria.**

  1. Class Participation: 5% of your overall grade. This part of the grade is meant to encourage you to come to class on time and be prepared to engage with that day's material. In particular, if you are consistently late to class, your overall grade may be impacted.
  2. HOMEWORK: Homework is assigned daily and some of the solutions will be collected weekly. Unlike other textbooks, this text has some online homework problems that are "graded" as you do them- These will not count towards your homework score, so try them all! (You need to read the "online" or "html" version of the text to do these).

     Late homework: You are allowed one late homework without penalty. Once you have used that, any late homework will be penalized by a half a grade per day.

     The homework will account for 30% of the overall course grade.

3. QUIZZES: We'll have 6 quizzes, one approximately every other week (see the attached schedule- these dates won't change). These are typically about 30 minutes in length and are very similar to the homework. I'll drop your lowest quiz score. The average of your quizzes will make up 35% of the overall class score.
4. EXAMS: We'll have a mid-term and a final exam. These will each be an hour in length. I'll give you some sample questions in advance. Overall, these will be 30% of your score (so 15% each).

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

- **Assistance:** 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 let me know when you would like to meet. For Calculus, there are also student tutors available (I'll let you know when that starts- It typically takes a week to set it all up).

- **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!*

- **Disability Support Services** If you are a student with a disability who will need accommodations in this course, please meet with Laura A. Cummings, Assistant Director of Disability Support Services (Olin 317, cummingl@whitman.edu, (509) 527-5027) for help developing a plan to address your academic needs. All information about disabilities is private. If Ms. Cummings notifies me that you are eligible to receive an accommodation due to a verified disability, I will provide that accommodation in as discreet a manner as possible. If your accommodation includes special exam arrangements, please contact me a week before each exam so we can make those arrangements. Email is a good way to contact me.

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

- **Absence Policy** Generally, I do not take attendance, so if you're sick, please stay home and get the notes from a friend. **If you're sick during an assessment day (quiz or exam)**, I will require a note from the health center stating that you had gone to them. If you miss an assessment due to either a college sponsored event or for religious reasons (see the policy below), then be sure to let me know in advance so that alternative testing can be arranged.

- **Religious Observances** In accordance with Washington State Law and Whitman College's Religious Accommodations Policy, I will provide reasonable accommodations

for all students who, because of religious observances, may 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 send me an email by the end of the second week of class so that I can take note of your need for religious accommodations. If you believe that I have failed to abide by this policy, here is a link to the Grievance Policy at Whitman College Links to an external site. where you can pursue this matter: https://www.whitman.edu/human-resources/grievance-policy

- In order to reduce distractions during class, **no electronic devices are allowed** unless you have asked me first- That means all phones and computers should be stored out of sight! An exception to this might be if you're using a tablet computer to write your notes.
- I will start class on time, so I expect everyone to be settled in before the start time. I do understand that occasionally you cannot avoid being late, but that should be a rare circumstance.

Learning Goals

Calculus I satisfies the *Quantitative Analysis* part of the "distribution" so we have some learning outcomes that are part of this distribution. These are

- Perform computations associated with a model and make conclusions based on the results.
- Represent, communicate, and analyze ideas and data using symbols, graphs, or tables.
- Analyze and interpret data using statistical methods. (Not applicable for us)

We also have specific learning goals for the class. Really, if you want a list, I would like for you to become as fluent as possible with the three fundamental ideas of Calculus: The Limit, The Derivative, and the Integral. However, these ideas set the stage for a lot of other things- continuity, mathematical modeling, the four "value" theorems of Calculus, related rates, and so on. A full list would actually look a lot like the table of contents for Chapters 1-5, so I won't list them all here.