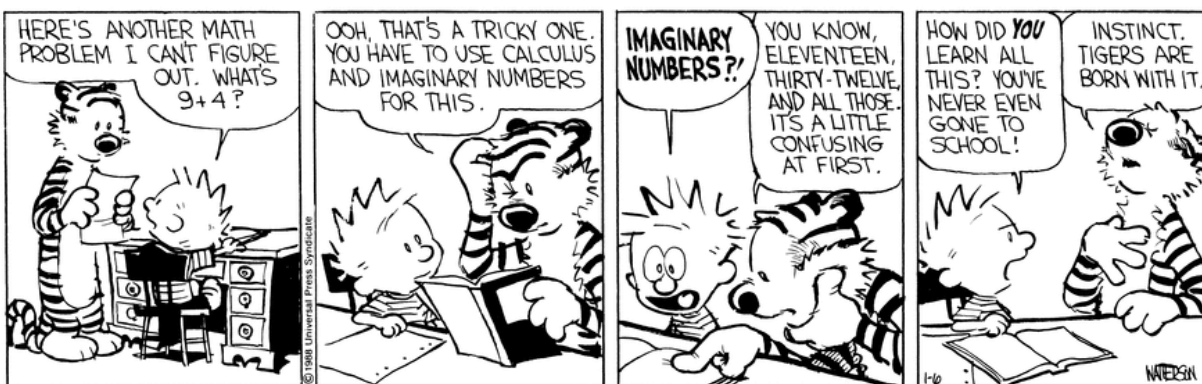


Course Information	Instructor Information
Meeting Time: T.Th 2:50pm – 4:10pm	Name: Zachary Porat
Location: Exley 216	Pronouns: he/him/his
Website: <a href="#">Moodle</a>	Email: <a href="mailto:zporat@wesleyan.edu">zporat@wesleyan.edu</a>
TA Sessions: TBA	Office: Exley 604



## Course Overview

**Description:** The goal of this course is to gain an understanding of how to quantify rates of change. We will examine methods for modeling systems that change over time, and learn how to use these models to predict future change. Specific topics of the course include theoretical and practical aspects of limits and derivatives; the calculus of exponential, logarithmic, and trigonometric functions; plane analytic geometry; various applications to medicine, biology, engineering, finance and more!

**Text:** For this course, we will use *Calculus, Volume 1* from OpenStax. This book is available for free online: <https://openstax.org/details/books/calculus-volume-1>

**Office Hours:** I will hold office hours on Mondays and Wednesdays at times yet to be determined. Please fill out the following poll, noting **all times when you are available** on these days of the week: <https://forms.gle/JfHXW2jmNo1E35GT9>

These times are reserved just for answering your questions about the material in the course. You do not need to make an appointment in advance to attend. Simply come to my office and ask questions! If your schedule conflicts with my announced office hours, please contact me to set up an appointment at a different time.

**Time Commitment:** While the exact time commitment for the class will vary individually and over the course of the semester, I recommend that you budget approximately three

out-of-class hours for every class hour to complete the reading and assignments. I have designed the class so that it should be feasible to satisfactorily complete the requirements with approximately twelve hours per week of time commitment. If you are spending more time than this on a regular basis, I encourage you to check in with me.

**Participation:** Many course meetings involve in-class assignments that allow both the student and instructor to gauge student understanding. Although this work will rarely be marked for a grade, your participation is necessary both for your individual success and the success of the course overall.

Excused absences, when communicated to the instructor in a timely manner, will be accommodated to the best of the instructor's ability. However, any student who is repeatedly absent without excuse will be required to withdraw from the course. **Please contact the instructor as soon as possible** if you know you will miss class or if you miss class unexpectedly. At the sole discretion of the instructor, situations such as illness or family emergency may be considered excused absences.

## Grading and Assessments

**Homework Assignments:** Homework will be assigned weekly. Submissions should be neat and clear. Your final submission should be stapled and include worked solutions for all assigned problems. Late homework will not be accepted.

A total of ten homework assignments will be given over the course of the semester. Your two lowest homework grades will be dropped; your eight highest homework grades will be used to compute your final homework grade. Individual homework problems will be graded on a 0 to 5 scale. Feedback will be provided on your homework to indicate what is expected on exams. If you have questions, come to office hours or schedule an appointment.

You are welcome and encouraged to collaborate with others on the assignments, but you must turn in an independent write-up of your solutions, written using your own words. Students should not work together on the actual write-up of homework. Further, if you do collaborate with others, please note who you worked with at the top of the assignment.

**Exams:** There will be two midterm exams and a final exam. The dates and times of the exams are given in the following table. Please check for possible conflicts; if any should arise, please let me know **at least one week prior to the scheduled exam** so that we can make alternate arrangements.

Exam	Date	Time	Location
Midterm 1	Thursday, October 10th	2:50pm – 4:10pm	Exley 216
Midterm 2	Thursday, November 14th	2:50pm – 4:10pm	Exley 216
Final Exam	December 10th – 14th*	TBA	TBA

\* The exact final exam schedule is set by the Registrar and announced mid-semester. The date set by the Registrar cannot be changed.

**Overall Grade:** Your final grade for this course will be based on the following components:

Homework	20%
Exam A	20%
Exam B	30%
Exam C	30%

Note that while all three exams will be used to compute your final grade, the lowest exam grade of the semester will be weighted less than the other two exams.

**Academic Integrity:** Be familiar with and abide by the Wesleyan University policy on cheating and plagiarism, as found in [the Honor Code](#). If you have any questions, please ask me; err on the side of caution!

## Support and Resources

**TA Sessions:** TA sessions are optional meetings where you can discuss material from the course with a TA. To make the most out of these sessions, you should work on the material ahead of time so that you can identify specific questions or topics that you want to discuss. The times and locations of these sessions will be announced in class and posted on Moodle.

**Math Workshop:** There is free drop-in tutoring available at no cost to you. For more information, please visit [the Math Workshop webpage](#).

Day	Time	Location
Monday – Thursday	11:45am – 1:15pm	Science Library, Room 88 (Basement)
Sunday – Thursday	7pm – 10pm	Exley 189 (Fishbowl)

**Accommodation Statement:** Wesleyan University is committed to ensuring that all qualified students with disabilities are afforded an equal opportunity to participate in, and benefit from, its programs and services. Since accommodations may require early planning and generally are not provided retroactively, please contact Accessibility Services as soon as possible.

If you have a disability, or think that you might have a disability, please contact Accessibility Services in order to arrange an appointment to discuss your needs and the process for requesting accommodations. Accessibility Services is located in North College, Room 021/022, or can be reached by email at [accessibility@wesleyan.edu](mailto:accessibility@wesleyan.edu) or phone at 860-685-2332.

**Religious/Spiritual Observance:** If you anticipate that your religious/spiritual observance may conflict with academic obligations such as attending class, taking exams, or submitting assignments, you can work directly with your professor to make reasonable arrangements. Should you require additional support or guidance, please feel free to reach out to Rabbi David Teva, Director of the Office of Religious and Spiritual Life at [dleipziger@wesleyan.edu](mailto:dleipziger@wesleyan.edu) or any of the chaplains in the Office of Religious and Spiritual Life at <https://www.wesleyan.edu/orsl/index.html>.

For a list of religious holidays celebrated by members of the Wesleyan community, go to Wesleyan's Multifaith calendar: <https://www.wesleyan.edu/orsl/multifaith-calendar.html>.

**Title IX Resources:** If gender-based and/or sexual violence related trauma inhibits your ability to fully participate in class, please contact Debbie Colucci, Title IX Coordinator, at [dcolucci@wesleyan.edu](mailto:dcolucci@wesleyan.edu), or your class dean. Additionally, if you are comfortable, you can work directly with your instructor to make reasonable arrangements. You may also choose to talk with a confidential resource about all of your options for care and support. Confidential resources can be found the Office of Counseling and Psychological Services (CAPS), WesWell, and the Office for Religious and Spiritual Life.

**Classroom Behavior:** Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity, gender expression, age, ability, and nationality.

Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise

me of this preference early in the semester so that I may make appropriate changes to my records. For more information, see the policies on [student conduct](#).

**Discrimination and Harassment:** Wesleyan University is committed to maintaining a positive learning, working, and living environment and does not tolerate identity-based [discriminatory harassment](#) and/or [sexual misconduct](#) against students, faculty, staff, trustees, volunteers, and employees of any university contractors/agents. For purposes of this Wesleyan policy, identity refers to one's race, color, religion, national or ethnic origin, age, disability, veteran status, sexual orientation, gender, gender identity, and gender expression.

The Office for Equity and Inclusion serves students, faculty, administrators and develops policies and procedures regarding issues of diversity and equal opportunity/affirmative action. Individuals who believe they have been discriminated against should contact [the Office for Equity and Inclusion](#) at 860-685-2520.

**Honor Code:** All students of Wesleyan University are responsible for knowing and upholding the [the Honor Code](#) of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior.

All incidents of academic misconduct shall be reported to [the Honor Board](#). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). If you have a question related specifically to the honor code, please contact Assistant Dean of Student/Student Conduct Kevin Butler at [kbutler@wesleyan.edu](mailto:kbutler@wesleyan.edu).

**Wellness Statement:** Students may experience stressors that can impact both their academic experience and their personal well-being. These stressors may include academic pressures, sleep problems, relationship and social concerns, and challenges associated with adjusting to school, mental health, alcohol or other drugs, identities, finances, life events or something not listed here. If you or a friend are experiencing concerns, remember that we all benefit from assistance and guidance at times. Reach out to CAPS, WesWell, visit the Resource Room to support your mental health and well-being.

**A Final Note:** I, like you, am human. If something comes up and you need extra flexibility with this course, please reach out to me. The sooner you let me know that something is going on, the sooner we can work together to figure out reasonable accommodations.