

**Math 105**  
**Summer 2021**

**Instructor:** John McHugh  
**Email:** jrmchugh at ucsc dot edu  
**Office Hours:** Tuesdays 1–3PM

**Teaching Assistant:** Malachi Alexander  
**Email:** majalexa at ucsc dot edu  
**Office Hours:** Tuesdays 12–1PM and Fridays 4–5PM

**Class Time and Location:** MWF 9:00–11:30 AM, zoom meetings (access via our course Canvas page)

**Textbook (optional):** *Mathematical Analysis* by Tom Apostol.

**Enrollment Requirements:** MATH 22 or MATH 23B and either MATH 100 or CSE 101.

**Course Content:** The basic concepts of one-variable calculus are treated rigorously. Set theory, the real number system, numerical sequences and series, continuity, differentiation.

**Grading:**

- 15% – Participation
- 30% – Homework
- 25% – Midterm
- 30% – Final

**Participation:** To earn participation credit you must ask questions or make comments relevant to the lecture material. Each time you participate you will earn 1 point for that day’s lecture. The participation grades will be kept on canvas, so you can check your grade. You can earn back a participation point by coming to office hours to ask a question.

**Homework:** Homework will be assigned twice a week. Homework will be submitted on Canvas. Please upload clear photos and write legibly, for the sake of the grader. Please also use a “scanning app” to take pictures of your homework, such as the one built into the notes app on iPhone. I can upload solutions to any of the homework problems on request.

**Late Homework:** Late homework will be accepted if it is submitted within 3 days of the original due date. However, each day past the due date will incur a 10% penalty. **Please do not ask for extensions** unless you have a medical emergency or have accommodations.

**Exams:** We will have two exams: one midterm and one final. The midterm will be held on **Friday, August 13th**. The final exam will be on **Friday, August**

**27th.**

**DRC Accommodations:** The Disability Resources Center reduces barriers to inclusion and full participation for students with disabilities by providing support to individually determine reasonable academic accommodations. If you have questions or concerns about exam accommodations or any other disability-related matter, please contact the DRC office, located in Hahn 125 or at 831-459-2089 or [drc@ucsc.edu](mailto:drc@ucsc.edu) .

**Academic Dishonesty:** Academic integrity is the cornerstone of a university education. Academic dishonesty diminishes the university as an institution and all members of the university community. It tarnishes the value of a UCSC degree. All members of the UCSC community have an explicit responsibility to foster an environment of trust, honesty, fairness, respect, and responsibility. All members of the university community are expected to present as their original work only that which is truly their own. All members of the community are expected to report observed instances of cheating, plagiarism, and other forms of academic dishonesty in order to ensure that the integrity of scholarship is valued and preserved at UCSC. In the event a student is found in violation of the UCSC Academic Integrity policy, he or she may face both academic sanctions imposed by the instructor of record and disciplinary sanctions imposed either by the provost of his or her college or the Academic Tribunal convened to hear the case. Violations of the Academic Integrity policy can result in dismissal from the university and a permanent notation on a student's transcript. For the full policy and disciplinary procedures on academic dishonesty, students and instructors should refer to the Academic Integrity page at the Division of Undergraduate Education.

**Title IX:** The university cherishes the free and open exchange of ideas and enlargement of knowledge. To maintain this freedom and openness requires objectivity, mutual trust, and confidence; it requires the absence of coercion, intimidation, or exploitation. The principal responsibility for maintaining these conditions must rest upon those members of the university community who exercise most authority and leadership: faculty, managers, and supervisors.

The university has therefore instituted a number of measures designed to protect its community from sex discrimination, sexual harassment, sexual violence, and other related prohibited conduct. Information about the Title IX Office, the online reporting link, applicable campus resources, reporting responsibilities, the UC Policy on Sexual Violence and Sexual Harassment and the UC Santa Cruz Procedures for Reporting and Responding to Reports of Sexual Violence and Sexual Harassment can be found at [titleix.ucsc.edu](http://titleix.ucsc.edu).

The Title IX/Sexual Harassment Office is located at 105 Kerr Hall. In addition to the online reporting option, you can contact the Title IX Office by calling 831-459-2462.