

# Course Information Sheet: Math 32300, Section GH

**Course Title:** Advanced Calculus I

**Pre-requisites:** Math 30800=20400 or departmental permission.

**Catalog Description:** Sequences, properties of continuous functions, derivatives and differentials, functions defined by series, integrability and integrals, convergence of function sequences.

**Meeting time and place:** Mondays and Wednesdays 6-7:40pm in NAC 6/328.

## Instructor Information:

- **Name:** Prof. Patrick Hooper
- **Office hours:** Mondays and Wednesdays 5-6pm (on any day our class meets). Appointments are also accepted.
- **Office:** NAC 6/282
- **Email:** whooper@ccny.cuny.edu
- **Office Phone:** (212) 650-5149

**Course Textbook:** *Elementary Analysis: The Theory of Calculus* by Kenneth A. Ross.

**Grades:** Grades will be computed from the following:

- Attendance
- Quizzes and take home quizzes (15%)
- First Midterm (15%): Wednesday, October 3rd.
- Second Midterm (15%): Wednesday, November 7th.
- Third Midterm (15%): Wednesday, December 5th.
- Final Exam (40%): Monday, December 17th from 6-8:15pm.

Your final score will be tabulated out of 100% as indicated by the percentages above, with attendance taken into account. (See the attendance section below.) A letter grade will be assigned to you according to the table below.

A+	97-100	B+	87-89	C+	77-79		
A	95-96	B	84-86	C	74-76	D	60-69
A-	90-94	B-	80-83	C-	70-73	F	0-59

**Course information:** Course information can be found on Blackboard. This includes a record of your grades, lists of homework assignments, and a collection of course documents. To access blackboard visit <http://bbhosted.cuny.edu/>. Please let me know if you have trouble accessing blackboard, or trouble using the blackboard website.

**General expectations:** For each hour spent in the classroom, I expect you to spend at least three hours reading and understanding the book, understanding lecture notes, and doing homework. Practice (doing problems and proofs) is an important part of understanding mathematics. Only adequate practice will guarantee that you can complete midterm and exam problems in a timely manner.

**Expectations of written work:** Mathematical computations and proofs will be graded partially on presentation. In order to receive full credit, a student who reads your answer should be able to easily understand how you solved the problem. Written work is expected to be legible and arguments are expected to be well articulated.

**Email:** It is important that you are accessible via email through blackboard. To change or update your email address go to <http://portal.cuny.edu>, click “Portal login” from the bottom left menu, then login, and select “My profile” on the left menu.

**Final exam:** The final exam will be held on Monday, December 17th from 6-8:15pm according to the university’s final exam schedule. Ensure that you have no time conflicts. A makeup for the final exam is offered only under extremely compelling circumstances. Notify me as soon as you know you will have to miss the final.

**Midterms:** You will be given the full class to complete each midterm. If a midterm is missed under extremely compelling circumstances, a makeup midterm will be given. If a midterm is missed under well documented and sufficiently compelling circumstances, then a makeup can be taken. Notify me ahead of a midterm you expect to miss to be sure your circumstances are sufficiently compelling. The makeup must be taken within one week of the originally scheduled midterm. A grade of zero will be assigned to anyone who does not take a midterm or a makeup.

**Homework assignments:** Homework will be assigned weekly and will have a due date. But, I will not collect homework. Homework assignments will be made available on blackboard at least one week before the assignment is due. I encourage you to work in groups on the homework problems, especially if this best suits your learning style. Nonetheless, you should be confident that you understand how to do each problem, and should be able to solve similar problems independently. Failure to ensure that you can solve problems independently will surely have a negative effect on exam grades.

**Quizzes:** Quizzes will be given nearly every other class, typically on days homework is due. Quizzes will be announced at least one class in advance. There are no makeups for quizzes.

**Take home quizzes:** I will often assign take home quizzes. I will announce the quizzes in class before the day the assignment is distributed. You will not be allowed to work with others to complete these quizzes. The lowest two quiz grades will be dropped. There are no makeups for take home quizzes.

**Total Quiz Grade:** When grades are computed, each of your quiz and take home quiz grades will be rescaled to be out of 100 points. Your lowest three scores will be removed from this list. Your total quiz grade will be the average of the remaining scores.

**Attendance Policy:** As students, class time is extremely important for learning. You will be introduced to the material, and the relative importance of topics in the course will be revealed. For this reason, attendance is mandatory. **Missing an excess of eight 50 minute periods (or 4 classes) may result in you being dropped from the course, and will certainly result in the reduction of your final grade by 5% (or half a letter grade).** Occasionally, exceptions to this policy will be made, but only for good reason and only with notification prior to the absence. Good reasons include illness with a doctor’s note and many religious observations.

**Lateness:** Lateness to class is unacceptable because it disrupts the learning process of the whole class. For this reason, any student who arrives more than 5 minutes after class begins will be considered late. Three late attendances are considered the equivalent of one absence. Thus, sufficiently many late attendances will result in actions as described in the Attendance Policy. In addition, any student who arrives 15 minutes after a class begins will be considered absent from that class period.

**Drop-in tutoring:** Drop-in tutoring is available at the Math Help Desk, Marshak Science Building room MR418S. The hours are expected to be: M, T, Th noon - 7pm, W 10 am - 4 pm, F 10 am - 3 pm. (More information may be provided at <http://math.sci.ccny.cuny.edu/pages?name=tutoring>.)

**Departmental website:** The departmental website is <http://math.sci.ccny.cuny.edu/>. The website has detailed syllabi, copies of old finals, faculty office hours and e-mail addresses. Almost anything else you could want to know about the department can be found here.

**Academic integrity:** You are expected to adhere to the CUNY Policy on Academic Integrity. This policy is posted at <http://www1.ccny.cuny.edu/upload/academicintegrity.pdf>.

**Accommodations for Students with Disabilities:** Qualified students with disabilities will be provided reasonable academic accommodations if determined eligible by the AccessAbility Center (AAC). Prior to granting disability accommodations in this course, the instructor must receive written verification of a student's eligibility from the AAC, which is located in NAC 1/218. It is the student's responsibility to initiate contact with the AAC and to follow the established procedures for having the accommodation notice sent to the instructor.