

STUDENT SYLLABUS
MATH 150 - CALCULUS WITH ANALYTIC GEOMETRY 1

HUNTER COLLEGE
SUMMER 2019

BASIC INFORMATION

Section: 150.02
Time: Monday thru Thursday 11.40am - 1.45pm
Room: 424 HW
Instructor: George Mitchell
Email: gmittchell@gradcenter.cuny.edu
Office Hours: By appointment via email.

PREREQUISITES

Student should have completed MATH 125 - PreCalculus with a grade of C or above. Or equivalent.

TEXTBOOK

The official course text is the bundle *Essential Calculus With Webassign* by James Stewart. The student is required to purchase the bundle (or just Webassign Online) and create their own student account on Webassign using their access code. The student can add this class using the following class key:

hunter 7407 7537

LEARNING OUTCOMES

The student will study functions of one real variable, learning concepts such as limits, continuity and differentiation. The student will be able to compute the derivative of various functions, such as polynomial, rational and trigonometric functions. The student will learn the Mean Value Theorem and the Intermediate Value Theorem, and will apply these concepts to various problems, such as curve sketching, optimization and linear approximation. The student will learn of the Riemann integral, will be able to compute integrals of basic functions using the Fundamental Theorem of Calculus, and will apply these techniques to the study of area.

GRADING POLICY

Exams will count for 90% of final grade. Homework (on Webassign) will count for 10% of final grade. Letter grades will be assigned as follows:

Final Score	0-59	60-69	70-79	80-89	90-100
Letter Grade	F	D	C	B	A

If you miss the final and have a grade of D or F average in the course (without dropping a grade) you will FAIL the course.

In order to receive a grade of CR/NC you must have at least two exams with grade 40 or better before the final. Students on probation are not eligible for CR/NC.

In order to receive an *incomplete*, you must have a justified absence from the final exam and have taken at least two in class exams with an average of 70 or more.

EXAMS

There will be 3 in class exams and a cumulative final. The final will count twice. The lowest exam score will be dropped. If the final is the lowest exam score then it will only count once. There are *no* make-up exams. The tentative dates for the exams are as follows

Exam 1: 06/11/19, **Exam 2:** 06/24/19, **Exam 3:** 07/10/19, **Final:** TBD

Note these dates are subject to change. Exam dates will be confirmed a week before they are due.

HOMEWORK

All graded homework sets will be online on Webassign. These homework sets should be completed before the exam which contains that material. You will have the opportunity to ask questions about the homework sets the week after they are due. The best way to learn mathematics is to *do* mathematics. Therefore you should spend significant time working on problems to keep up with each homework set. I may assign problem sets in class and on blackboard that will not be graded, but will help the student with understanding the material.

CALCULATORS

Scientific calculators may be needed for some problems and the exams. Graphing calculators, mobile phones, tablets... are *not* allowed during exams.

BEST PRACTICES

You should attend every lecture and take good notes, not just rely on the textbook. Writing mathematics helps far more than just listening or reading. If you miss a class you should contact other students in the class to catch up with the work. Please do not suffer in silence. If you are struggling or feeling overwhelmed, please contact me and I can organise an office hour to help you.

HUNTER COLLEGE POLICIES

Academic Integrity: Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

Disability: In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/or Learning) consult the Office of AccessABILITY located in Room 1214B Hunter East to secure necessary academic accommodations. For further information and assistance please call (212-772-4857)/TTY (212-650-3230).

Sexual Misconduct: "In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).

b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123.

CUNY Policy on Sexual Misconduct Link:

<http://www.cuny.edu/about/administration/offices/la/Policy-on-SexualMisconduct-12-1-14-with-links.pdf>