Syllabus

Course:	Calculus with Analytic Geometry I
	Math 150.00 Section 002 (Code: 0490)
	M, T, W, Th: 9:50 - 11:23 AM 504 HW
Instructor:	Mimi Tsuruga mtsuruga@hunter.cuny.edu
Office Hours:	By appointment only

> Note: A copy of this syllabus is posted on Blackboard
> and at `http://www.hunter.cuny.edu/webcourseschedule`.

1 Course Description

1.1 Prerequisites

A grade of C or better in Math 125 or an appropriate score on the placement exam.

1.2 Required Text

The official course textbook is Single Variable Calculus, 6th Edition: Hunter College Edition, by James Stewart. **All students are required to purchase a WebAssign license for this course.** The Hunter College Edition of the Stewart textbook is a shorter version of the regular Stewart textbook.

You have several options to obtain these items:

1. Textbook & WebAssign ($149.45) @ Hunter College Bookstore
   You will get a print copy of the customized Hunter College edition of the Stewart book and a WebAssign license for the life of the edition (approx. 2 years).

2. e-Book & WebAssign ($85.00) @ www.webassign.net
   You will get an electronic version of the regular Stewart book and a WebAssign license for the life of the edition.

3. WebAssign only @ www.webassign.net
   You will get a WebAssign license for 6 months ($35) or for the life of the edition ($50). You will have access to some parts of the textbook as an e-book with the WebAssign license, but you will lose access to it

once your license expires. In this case, you may choose to purchase used versions of the regular Stewart textbook (for example on Amazon.com or Half.com).

After you have obtained your WebAssign license, log in using the following class key.

Class Key:　　 hunter 3336 8237

1.3　Course Outline

This course will cover most of Chapters 1–6 in Stewart. We will learn about limits, continuity, differentiation and integration of elementary and trigonometric functions, and their applications. The calendar below is an overview of the sections that will be covered during this semester. To be fully prepared for the lectures, you should have these sections read *before* the indicated date.

Read by	Stewart	Read by	Stewart
June 1	Chap 1, §2.1, §2.2	June 21	§4.5
June 2	§2.3, §2.4, §2.5	June 22	§4.7
June 3	§3.1, §3.2	June 23	§4.9
June 7	§3.3, §3.4	July 6	§5.1, §5.2
June 8	§3.5	July 7	§5.3
June 9	§3.6	July 8	§5.4
June 10	§3.7, §3.8	July 12	§5.5
June 14	§3.9	July 13	§6.1
June 15	§4.1, §4.2	July 14	§6.2
June 16	§4.3, §4.4	July 19	§6.3

2　Grading

The final grade will be determined by the following four categories: Homework, Quizzes, Exams, and Attendance. The grading system may seem complicated at first glance. It is designed to reward not only the students who show a deep understanding of the course material, but also the students who are very hardworking yet are not good test-takers.

Students should use the grading worksheet attached to this syllabus to calculate their final grade. Students with questions about their grade may,

at any time during the semester, see me after class or set up an appointment to meet with me. The scores from each homework and exam will be posted on Blackboard. Please note that the 'final total' posted on Blackboard is NOT correctly calculated.

The letter grade to be recorded on the students transcript will be determined by the Hunter College grading system provided in the College Catalog (see chart below).

Final Grade	Course Grade	Final Grade	Course Grade
97.5 – 100	A+	80 – 82.4	B-
92.5 – 97.4	A	77.5 – 79.9	C+
90 – 92.4	A-	70 – 77.4	C
87.5 – 89.9	B+	60 – 69.9	D
82.5 – 87.4	B	0 – 59.9	F

2.1 Attendance

Attendance in this course is mandatory. Students will be allowed up to three (3) absences. If a student is absent for more than 3 days, 5 points will be deducted from their final grade for every day they miss over 3 days. For example, if a student is absent for five days, that student will lose 10 points from their final grade.

Attendance will be taken daily. If you are not present at the time your name is called, you will be marked absent.

2.2 Homework [20%]

A total of eight (8) homeworks will be assigned over the course of the semester. They will all be on WebAssign. Please take advantage of all the features of WebAssign including the video tutorials and practice tests.

Each homework assignment will be worth 20 points, for a total of 160 possible points. You must accumulate at least 100 points to receive full credit for your Homework grade. If you have accumulated over 140 points, you will receive 5 extra points on your final grade.

Homework must be completed before the beginning of the class period on the due date. The homework assignments will consist of several exercises from the text. Students are required to complete all the problems assigned.

Students may work together on homework, but each student is responsible for completing their own homework assignment on WebAssign. See Section 4 of this syllabus for more tips. If you have a problem with a homework grade, email me within 3 days of the due date.

2.3 Exams

There will be two (2) full-period in-class exams—a midterm and final—and four (4) full-period in-class quizzes. Any and all electronic devices (other than simple watches) must be put away during exams. In particular, calculators and all communication devices are strictly prohibited.

A few practice exams will be available on WebAssign at least a week before each exam and will be available for the remainder of the semester. The grade on the practice exams will not impact your final grade in any way.

Graded exams (other than the final) will be returned to the student on the following scheduled class day. Students will have until the end of that class period to make an appeal if they feel their exam has been graded unfairly. I will refuse to make any grade changes after that time. If the school is unexpectedly closed on the day of a scheduled exam, that exam will be given during the next scheduled class meeting. If the school is unexpectedly closed on the day of the final, contact the school for information.

2.3.1 Quizzes [25%] June 17, June 24, July 15, July 22

There will be four (4) quizzes during the semester. Each quiz is scored out of 10 points. Your final Quiz Grade is the sum of multiplying the best quiz score by 6, the second best quiz score by 3 and the third best quiz score by 1; the lowest grade will be dropped (see Grading Worksheet). It counts as 25 % of your final grade. The quizzes will be based on homework problems that have been assigned before the date of the quiz.

2.3.2 Midterm [25%] Thursday, July 1, 2010

The midterm exam is required for every student in the class. The exam will be graded out of a possible 100 points. It counts as 25% of your final grade. There will be an extra credit problem, which, if correct, will add one (1) point to your final grade. A make-up exam will not be given. The midterm is cumulative. A review will be given the day before the midterm.

2.3.3   Final [30%] Tuesday, July 27, 2010

The final exam is required for every student in the class (including graduating seniors). The exam will be graded out of a possible 100 points. It counts as 30% of your final grade. A make-up exam will not be given. The final is cumulative. A review will be given the day before the final. The Department does not exempt graduating seniors from a final exam. The final will not be returned to the student.

2.4   Extra Credit

There will be one (1) extra credit problem in each of the quizzes and the midterm. If correct, they are each worth an additional 1 point to your final grade for a total of 5 points, i.e., half a letter grade. An additional 5 points will be added to your final grade if you accumulate over 140 points on your Homework grade. I will not assign projects for extra credit to individual students.

2.5   Make-up Exams

Make-up exams will not be given for the quizzes, midterm, or final for any reason. If the school is unexpectedly closed on the day of a scheduled exam, that exam will be given during the next regular class meeting. If the school is unexpectedly closed on the day of the final, contact the school for information.

2.6   Credit/No Credit (CR / NC)

Students may request a Credit/No Credit (a grade of CR / NC) at any time during the semester up to the date of the final. I will not accept any requests for credit/no credit unless I have a completed CR/NC form in my hand before the final exam has been handed out. Students on probation are not eligible for this option. To qualify for CR/NC, students must attempt to complete all course requirements (i.e., at least 5 homework assignments, at least 3 quizzes, and the midterm).

At the end of the semester, if your final grade is $\geq 70 = $ CR. Where the grade would be a D or F, the student may opt for either the letter grade or NC.

2.7 Withdrawal (W/WU)

Students may withdraw from the course at any point of the semester up to June 21. Students must take the necessary steps to officially drop the course. If, for any reason, a student believes they cannot complete the course, the burden is on the student to file the necessary form. When a student withdraws officially from the course, the grade 'W' will appear on the final grade sheet. Students who have broken all contact with the course for more than the last 3 weeks of class will receive a final grade of WU.

2.8 Incompletes (INC)

Department policy stipulates that (i) For a student missing the final examination of a course to be eligible for an INC grade, that student must have an overall average, prior to the final examination, of at least C; (ii) For a student taking the final examination of a course, but missing other work, to be eligible for an INC grade, that student must have completed at least two-thirds of the total work for the course, including the final examination, and achieved an overall average on this work of at least C.

3 Class Policies

3.1 Read this Syllabus!

This syllabus functions as a form of contract between the student and the instructor. Should a student choose to remain in this course, the student is presumed to have agreed to the terms set forth in this syllabus for successful completion of this course.

3.2 Lateness

Late arrivals are disruptive to other students in the class and very distracting for the instructor. The same goes for bathroom breaks. Come to class early and handle your business before class begins.

3.3   Calculators

Calculators will not be used in this course. The use of calculators are prohibited during exams.

3.4   Communication Devices

All cellphones, beepers, PDAs, laptops, and other such devices should be set on vibrate or switched off during class. If a student must take a call, this should be done outside the classroom.

3.5   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.

   If a student is caught cheating during any of the quizzes, midterm, or final, they will receive an automatic grade of a zero (0) for that exam. Additionally, they will be reported to the department for further evaluation.

4   Extra Help & Suggestions

- Students are encouraged to use the Dolciani Mathematics Learning Center (DMLC) for its free support and tutoring services. The DMLC is located in Rooms 300-305 HN.
  Visit `http://math.hunter.cuny.edu/dolciani/` for more information.

- If a student feels that they need extra help to understand the material, I will be available online to chat on Wimba Pronto to answer questions. Wimba Pronto is an instant messaging client on Blackboard. If I am not online, you may email me. I will be checking my email daily. If you prefer to meet with me in person, email me to set up an appointment.

- For every hour you spend in class, you should spend (at least!) two hours studying outside of class.

- Make friends in class immediately. I strongly encourage students to work in groups. Studying together will help you learn the material faster and will make studying more enjoyable.

Grading Worksheet

<u>Homework</u>
Each HW is worth 20 points.

	Due Date	Score
HW1	6/7	
HW2	6/10	
HW3	6/16	
HW4	6/22	

	Due Date	Score
HW5	6/28	
HW6	7/12	
HW7	7/15	
HW8	7/21	

Total Score

If Total Score ≥ 100 ➜ HW Grade = 100.
If Total Score ≥ 140 ➜ HWC = 5

<u>Quiz</u>
Each quiz is worth 10 points.

	Quiz Date	Score
Quiz #1	6/12	
Quiz #2	6/19	
Quiz #3	7/10	
Quiz #4	7/17	

Best $\times$ 6 =

2nd Best $\times$ 3 =

3rd Best $\times$ 1 =

Quiz Grade

<u>ATTENDANCE</u>
If you are absent for up to 3 days, your attendance score = 0.
If you are absent for 4 or more days, your attendance score = 5 $\times$ (total days absent - 3).

<u>TOTAL</u>

HW Grade $\times$ 0.20 + Quiz Grade $\times$ 0.25 + Midterm Grade $\times$ 0.25 + Final Exam $\times$ 0.30 +

EC1 + EC2 + ECM + EC3 + EC4 + HWC − Attendance

= FINAL GRADE