

Math 226 – Analytic Geometry / Calculus
Course #7360 (5 units)

Course Syllabus – Spring 2006

Class Hours:

MW: 7:00 – 9:30 pm

Room: LA-4 (bldg. 30)



Victor Valley
COMMUNITY COLLEGE

Instructor: Stephen Toner

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Office: Bldg 30 (Liberal Arts), office “U”

Office Hours: M,T,W,Th: 12:15 - 12:40 pm

Tues: 2:05 - 4:00 pm

Thurs: 2:05 - 2:50 pm

Spring Calendar:

Feb. 13 Classes Begin

Feb. 20 Washington’s Birthday Holiday

Apr. 10-16 Spring Break

May 3 Last day to drop with a “W” grade

May 29 Memorial Day Holiday

June 10 End of Spring semester

Required Textbook: *Calculus, 5th edition*, by Stewart

Prerequisite: Math 104 and Math 105 with a grade of “C” or better.

Calculators: It is strongly suggested that the student have a graphing calculator for use on labs and exams. There is a great deal of memorization needed in this course; some of the exams will contain two parts, only one of which allows a calculator. I will demonstrate calculator usage on the TI-89 and TI-83+.

Course Description: As an introduction to the calculus of single variables, students will develop the concept of limit; apply limits to functions to determine if they are continuous, find the derivative and determine integrals. Students will study the properties of the derivative and integrals, their relationship to each other given by the Fundamental Theorem of Calculus, and some applications to the real world.

You are required to attend class every day. After 5 hours of absence, you **may be dropped** from this class. It is **your responsibility** to keep your enrollment status current. You risk an “F” if you stop attending without officially withdrawing. Do not bring friends or children to class. **Please turn off any cell phones or pagers during class time (or switch them to silent mode).**

Homework Policy: In this introductory calculus course, practice is essential. Each student is expected to spend at least 10 hours per week on homework for this class. Homework will be collected daily. You will lose 20% of the points for each class meeting that a homework assignment is late. The homework points will collectively be converted (and curved to drop the lowest few scores) to a 100-point exam score at the end of the semester.

Grading Policies: Grades will be based on all chapter tests, the collective homework exam, and a comprehensive final exam (which counts as two exams). Any exam not taken will be regarded as a zero. The lowest exam score (or homework grade or ½ the final exam) will be deleted prior to computing the term grade. Students are expected to complete all exams during class on the dates and times scheduled. **No make-up or re-take exams will be given, without exception.**

Grading Scale: A=90% or above; B=80%-89.9%; C=70%-79.9%; D=65%-69.9%; F=below 65%

Tentative Class Schedule

This is my best attempt to create a timeline for this course. In the event we fall behind, you will be given at least a week's notice of any change in test date.

		Sections to be Covered In Class			Sections to be Covered In Class	
M	2/13	Intro, review		M	4/17	4.1-4.3
W	2/15	1.1-1.2		W	4/19	4.4-4.6
M	2/20	No school–Washington’s Birthday		M	4/24	4.7, 4.9
W	2/22	1.3-1.4		W	4/26	4.10, review
M	2/27	TEST CH. 1		M	5/1	Review, TEST CH. 4
W	3/1	2.1-2.2		W	5/3	5.1-5.2
M	3/6	2.3-2.4		M	5/8	5.3-5.4
W	3/8	2.5-2.6		W	5/10	5.5, 6.1, review
M	3/13	Review, 3.1		M	5/15	Review, TEST CH. 5
W	3/15	Review, TEST CH. 2		W	5/17	6.2-6.3
M	3/20	3.2-3.5		M	5/22	6.4-6.5
W	3/22	3.6-3.7		W	5/24	9.1-9.3
M	3/27	3.8-3.9a		M	5/29	No School – Memorial Day Holiday
W	3/29	3.9b-3.10		W	5/31	Review, TEST CH. 6, 9a
M	4/3	review		M	6/5	Review
W	4/5	Review, TEST CH. 3		W	6/7	Final Exam

Attendance Policy: *Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.*