

# Math 226 – Analytic Geometry and Calculus Course Syllabus – Fall 2006

## Course #11154 (5 units)

### Class Hours:

TTh: 11:15 am – 1:45 pm

Room: LA-10 (bldg. 30)



**Instructor:** Stephen Toner

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

### Fall Calendar:

Aug. 28 Classes Begin

Sept. 4 Labor Day Holiday

Nov. 6 Last day to drop with a “W” grade

Nov. 23-24 Thanksgiving Holiday

Dec. 16 End of Fall semester

**Office Hours:** Mon & Wed: 11:15 - 11:45 am; Tues & Thurs: 9:25 - 11:05 am

**Required Textbook:** *Calculus, 8/e*, by Larson, Hostetler, Edwards.

**Calculators:** A graphing calculator is a helpful device for helping us to understand some of the principles in this course. You will only be allowed limited use of a graphing calculator on some chapter exams as well as the entire chapter 7 exam. For most exams, however, you will not be allowed a calculator of any kind. The TI-83+, TI-84 and TI-89 are the most appropriate for the chapter 7 exam.

**Course Description:** This course covers limits and continuity, differentiation, integration, the fundamental theorem of calculus, applications of differentiation and integration.

**You are required to attend class every day.** After 4 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:** Practice is essential. Homework for each chapter will be collected at the exam which covers that chapter. Each chapter will be worth 20 points; the lowest score will be dropped and the remaining scores will count collectively as one exam.

**Grading Policies:** Grades will be based on all chapter tests, the collective homework exam, and a comprehensive final exam. Your lowest exam score (but not the final exam) will be dropped before computing the final grade. Any exam not taken will be regarded as a zero. 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.** If you plan to be absent on an exam day, schedule an advance test time with me.

**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
T	8/29	P1, p2, trig review		T	10/24	3.8, 3.9
Th	8/31	p3, graphing calculators		Th	10/26	review
T	9/5	1.1, 1.2, review		T	10/31	4.1, 4.2
Th	9/7	Test Chapter P		Th	11/2	Test Chapter 3
T	9/12	1.3		T	11/7	4.3, 4.4, 4.5
Th	9/14	1.4, 1.5		Th	11/9	4.6
T	9/19	Review, 2.1		T	11/14	Review, 7.1
Th	9/21	Test Chapter 1		Th	11/16	Test Chapter 4
T	9/26	2.1, 2.2		T	11/21	7.2
Th	9/28	2.3, 2.4		Th	11/23	No school – Thanksgiving holiday
T	10/3	2.5		T	11/28	7.3
Th	10/5	2.6		Th	11/30	7.4, 7.5
T	10/10	Review, 3.1, 3.2		T	12/5	7.6, 7.7
Th	10/12	Test Chapter 2		Th	12/7	Test Chapter 7
T	10/17	3.3, 3.4, 3.5		T	12/12	review
Th	10/19	3.6, 3.7		Th	12/14	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.*