

# Calculus for Social Sciences (Math 130) Syllabus

## Palomar College – Fall 2009

A syllabus is an important and legally binding document. It is the student's responsibility to thoroughly understand its contents.

Class Website: <http://faculty.palomar.edu/mmumford/index.htm>  
Student eServices: <http://www.palomar.edu/admissions/ps8/studentins.htm>  
Graph Paper: <http://faculty.palomar.edu/mmumford/graphs.htm>



### Instructor Information

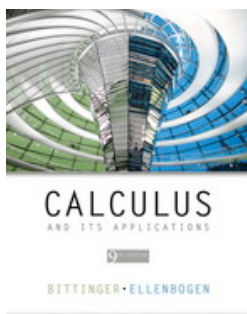
Michael Mumford, Associate Professor, Mathematics  
Office: E-11J, 760-744-1150 ext 2538  
Office Hours: TTh 7-7:30 am, 9:30-11 am, 1:30-2 pm and 6-6:30 pm  
Email: [mmumford@palomar.edu](mailto:mmumford@palomar.edu)

### You Need Internet Access and an Email Account

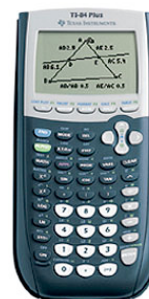


You will need Internet access to check on class updates and to print out the note-guides, practice exams, exam keys and other course materials. Please check the website regularly. I will often notify you of class changes by email. Please make sure the email address Student eServices has for you is correct. If you did not receive an email from me before the semester began, then the email address Palomar has for you needs to be updated. See me, any of the computer lab assistants, or ask at the administration desk if you need help updating your email information.

### Textbook, Calculator and Other Supplies



The required textbook for this class is *Calculus and its Applications, 9<sup>th</sup> edition* by Bittenger & Ellenbogen (ISBN: 9780321395344). You will need a TI-83/TI-84 graphing calculator. You will also need a ruler, three-ring binder, loose-leaf paper, graph paper, 4-color pen and a stapler. Please bring your textbook, note-guides and calculator everyday.



### Pace and Realistic Academic Expectations



We will cover the entire textbook; 1-2 sections each day. Learning mathematics requires considerably more time, patience and discipline than almost all other subjects. Since fewer than 50% of community college students pass Math courses with a “C” or better, plan on spending at least 12 hours per week of independent study time outside of class. I admit there is nothing “fair” about how much time a math class takes out of your life relative to other subjects. It is your challenge and responsibility to accept this reality and move forward. If you have more than one other class and either a full-time job or small children, then your academic expectations are probably not reasonable.

## Grades and Exam Dates



The components of your course grade are 6 regular exams (100 points each), a *comprehensive* final exam (100 points), and homework (scaled to 100 points). Your grade shall be determined by the average of your homework score and your exam scores using the following percentage ranges: A (“Excellent Performance,” 90 - 100%), B (“Good Performance,” 80 - 89.99%), C (“Adequate Performance,” 70 - 79.99%), D (“Poor Performance,” 60 - 69.99%), and F (“Failing Performance,” below 60%). The comprehensive final exam must be taken on Thursday 12/17/09 from 8-9:50 am in room NS-137.

Grade	Points
Exam 1	100
Exam 2	100
Exam 3	100
Exam 4	100
Exam 5	100
Exam 6	100
Final Exam	100
Homework	100

### Your Final Exam Replaces Your Lowest Exam

Makeup and early exams are not given under any circumstance. However, your final exam score replaces your lowest regular exam score.

### Daily Homework and Homework Grade Computation

$$\text{Your HW Grade} = \frac{\text{your total points} + 12}{\text{maximum HW points}} \times 100\%$$

Collectively, homework is worth as much as any exam. It is assigned daily and due at the **beginning** (i.e. the first minute) of each class according to the hw schedule. To receive any credit, each assignment must follow the detailed homework requirements written on the homework schedule. Each homework assignment is worth up to 4 points for each section in the textbook. Your homework grade will be scaled to 100 points by the formula shown. Late homework is never accepted, but you get credit for three free sections (12 points). The most common homework deductions are (1) not showing work clearly, in a step-by-step manner (2-4 point deduction); (2) no staple (one point deduction); (3) arriving late (4 point deduction); and (4) incomplete assignment (1-4 point deduction).

### Academic Integrity

(Board Policy BP 300.3 and 305) You are encouraged to work together and assist each other on the homework assignments. However, be aware that all exams are an individual effort and must be taken without any assistance whatsoever. Anyone found giving assistance, receiving assistance, using any other unauthorized source of information on any exam, or cheating in any other way shall receive a zero on that exam and will not be allowed to use the final exam to replace that score.

### Drop Deadlines, Drop Policy & Reinstatement Policy

If you wish to withdraw from the course, make sure you do it yourself by the drop deadlines given.

Drop Deadlines	
No Grade	09/23/09
“W” Grade	10/17/09

Board Policy BP 418.2 allows instructors to drop students through 10/17/09 for three reasons: (1) excessive (i.e. two or more) absences, (2) missing an exam, or (3) poor participation (i.e. < 50% on your homework). Arriving late or leaving early will each count as an absence. I drop students who meet any of the three conditions if they appear unable to earn a “C” or better. If you are dropped and wish to remain in the course, I will be glad to sign your reinstatement form when you bring your grade up to a “C”.



### **Please Turn All Electronic Devices**

Using a cell phone, iPod, game, PDA, etc for any reason during class is inappropriate. Please turn off all such devices before coming into class. Use of any electronic device, other than an approved calculator (TI-83/84) during any exam is prohibited.

### **Inappropriate Behavior**

Please refrain from disruptive or inappropriate behavior in class. The most common disruptive and inappropriate behaviors are (1) speaking when the instructor is speaking, (2) leaving while class is in session, and (3) arriving while class is in session. The California Education Code grants the instructor, at his sole discretion, the right to suspend a student from his class for up to 2 classes per incident.

### **Free Tutoring Centers**



The [Mathematics Learning Center](http://math.palomar.edu/mlc/) (MLC 744-1150 ext. 2718, <http://math.palomar.edu/mlc/>) is located in room E-2 on the main campus and is open 9 am – 8 pm Monday through Thursday, 9 am – 2 pm on Friday and 9 am to noon on Saturday. Free walk-in tutoring is available in the MLC during those hours. The [Palomar tutoring center](#) (760-744-1150 ext. 2448) is located on the first floor of the library and offers free tutoring. I am generally willing to come in early and stay late to help students and my office hours this semester are just before and after my classes. You are also encouraged to exchange phone

numbers and email addresses with other students and feel free to email me with questions.