

MATH 130 SURVEY OF CALCULUS Spring 2012

INSTRUCTOR

Dr. Jarred Collins

WEBSITE

www.collinscalculusclass.com

OFFICE

Serra 159E

OFFICE HOURS

Monday and Wednesday 3:15-4PM

CONTACT

Math Center X7932

Cell Phone (858)373-8891

E-mail jarredcollins@sandiego.edu

LECTURE

(section 6) 4:00-5:20 PM Monday and Wednesday in Serra 104B

PREREQUISITES

College Algebra course (Math 114 or Math 115) with a grade of C- or better OR pass Level II math placement exam OR automatic placement program (incoming freshmen only). Let me know if you need the dates and times for future placement exams. The Dean will drop you from the course if you do not meet the requirements. There is no text required for this course. I will be posting my lecture notes, worksheets and HW problems on my website.

FINAL EXAM

Wednesday May 23, 5-7 PM

CONTENT/STUDENT LEARNING OUTCOMES

Upon successful completion of this course, the student will be able to:

Demonstrate proficiency in differential and integral calculus in a single variable, and applications of calculus. More specifically, students will demonstrate an understanding of limits, differentiation, integration and applications of these concepts.

Demonstrate mathematical sophistication, as shown by their ability to apply mathematics to solve practical problems and communicate mathematical ideas.

CLASS POLICY

Since there is no text, access and familiarity with my website will be crucial to your success in this course. On the left side of the homepage is a list of classes. You will visit the Math 130 tab which will direct you to the Math 130 homepage. All of the necessary material will be provided here to include the syllabus, class notes, worksheets, important dates and HW problems. I will be providing the daily schedule and you will then be required to print and bring in the appropriate worksheets for the sections covered that day. The lecture

will consist of you arriving ON TIME, a question and answer period pertaining to any HW or related questions, presentation of that days material and finally completion of the daily worksheet (as group work) that you will print and bring to class. The worksheets are NOT optional and are an integral part of your success in the class. I expect you to show up with them as well as complete them IN CLASS. Worksheets are in class work and the HW problems are for home. Quizzes will come right at the start of class and last 10 minutes. If you arrive 8 minutes late then you will have 2 minutes for the quiz. Under no circumstances will time extensions be given unless you have spoken with me BEFORE the quiz. I have zero tolerance for texting in the class. I do not text while I give my lecture and I expect the same courtesy from you. If you have an emergency, leave the class, take care of business and return. If I catch anyone texting during my lecture, and I will, I will ask you to leave. I find it rude and inconsiderate and it simply will not be tolerated.

EVALUATION

There will be 2 in class exams and approximately 10 quizzes of which I will drop your lowest 2. Quizzes will be given weekly and will be 10 minutes each. They will strongly reflect the homework problems. It is in your best interest to attend all classes because there are NO make-ups on homework assignments or quizzes. Quizzes may or may not be announced. There will be NO make-ups on exams except in cases of extreme emergency. If you have an emergency then you must notify me before the test begins. Your homework grade will be calculated as follows: every HW assignment will be collected and graded as either a 0, 1 or 2. A (0) means a significant portion of the assignment was not done; a (1) means most of the assignment was attempted; and a (2) means all problems were attempted with most complete and correct. At the end of the semester your final average in the class will be adjusted based on the HW you have completed. A HW completion rate of 95% or higher will result in adding 2 points to your average; from 90% to 94% results in no change to your average; and below 90% will result in a deduction of 2 points from your final average.

Test 1	100 points
Test 2	100 points
Quizzes	100 points
Final	100 points
HW	see above
<hr/>	
Total	400 points

ATTENDANCE

Attendance is required and you are responsible for all material covered in class. If you happen to miss a class, contact a fellow student to find out what was covered or contact me. I will tell you what was covered and answer any questions you may have, but do not expect a private lecture on the material.

SPECIAL NEEDS

Students that have any disability, either permanent or temporary, which might affect their ability to perform in this class should contact me as soon as possible so that I can adapt methods, materials or tests as needed to provide for equitable participation.