



**Imperial  
Valley  
College**

**Math 192: Calculus I  
CRN 10460 / 5.0 units  
Fall 2012 Course Syllabus**

**Instructor:** Caroline Bennett

**Office Hours:** By appointment

**Email:** [caroline.bennett@imperial.edu](mailto:caroline.bennett@imperial.edu)

**Lecture:** Bldg 2700, Room 2723

Monday / Wednesday

6:30 – 9:00 p.m.

**TEXT (required):** Single Variable Calculus: Early Transcendentals, 7<sup>th</sup> Edition, by James Stewart

**CALCULATORS:** A scientific or graphing calculator is recommended. Calculators that perform symbolic manipulation, differentiation, and integration (such as the TI-89, TI-92, etc.) will NOT be permitted during exams. You may not use your cell phone as a calculator on tests.

**COURSE CONTENT:**

Ch. 1: Functions and Models	Ch. 4: Applications of Differentiation
Ch. 2: Limits and Derivatives	Ch. 5: Integrals
Ch. 3: Differentiation Rules	Ch. 7: Techniques of Integration

**PREREQUISITE:** Math 190 or equivalent college course with a grade of “C” or better, or eligibility determined by the math placement process.

**STUDENT LEARNING OUTCOMES:** Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Compute limits for simple functions. (ILO2)
2. Define and graph hyperbolic and inverse trigonometric functions. (ILO2)
3. Differentiate simple functions. (ILO2)
4. Anti-differentiate simple functions. (ILO2)
5. Set up and solve optimization problems of a single variable. (ILO1, ILO2, ILO4)

<b><u>EVALUATION:</u></b>		<b><u>GRADING SCALE</u></b>	
Quizzes	40	900 – 1000	A
Homework	40	800 – 899	B
Projects	40	700 – 799	C
In-class work	30	600 – 699	D
3 exams x 200 points each	600	Below 600	F
Final Exam (cumulative)	+ 250		
	1000		

**The grade that is earned, according to the point scale above, is the grade that will be received.**

**Grades are not subjective. Grades are not negotiable. All students will be treated equally.**

**NOTE:** The final exam in this course is **cumulative** and **mandatory** for all students.

**ATTENDANCE** is crucial to your success in this course. You are expected to attend every class and **remain during the entire class**. If your unexcused absences exceed the number of hours this class meets per week (5 hours), I may drop you from the course. **Leaving class early with prior consent from the instructor counts as an absence**. It also costs you points.

That being said, if you intend to drop the class, you should never *assume* the instructor has dropped you if you stop showing up. It is your responsibility to ensure that you have dropped through WebSTAR by the deadline (November 10, 2012) to receive a “W” instead of a failing grade.

Any in-class activities or worksheets that are missed due to an absence CANNOT be made up. Furthermore, on quizzes and exams you are responsible for all material covered in class, regardless of whether or not you were here. Therefore, if you do miss class, you should be sure to obtain any missed worksheets or other materials from the instructor, and obtain lecture notes from a classmate.

**HOMEWORK** that is collected will be given in the form of in-class handouts. Collected homework may be worked on individually, or in groups of up to 3 students (all students in a group receive the same score). Problems from the textbook will also be assigned, but book homework is not collected. Practice problems from the textbook are intended to help you understand the material and perform better on tests. If you struggle with the material, here are some tips:

- 1) Form a study group and work homework problems together with classmates.
- 2) If there is a particular homework problem you would really like to see in class, ask me at the beginning of class. I will try to accommodate requests if there is time; if there is not sufficient time, we can arrange to meet after or outside of class for help.
- 3) Take advantage of the free tutoring resources on campus (see last page for details).

**EXAMS** closely reflect the material covered in class and on the homework. A tentative exam schedule is provided in this syllabus; however, exam dates (with the exception of the final exam) may be subject to change, in accordance with the pace of the class. If an exam date is changed, you will be notified sufficiently in advance, both in class and by email.

**MAKE-UPS:** There are no make-up exams. Do not miss a scheduled exam. There are also no “dropped” exam scores. Your lowest exam grade may be replaced by your final exam grade, if that improves your overall grade.

**CLASSROOM CONDUCT:**

- **School is place to act with respect.** Remember that different students have different paces and styles of learning, and that all students have the right to ask questions in class. As a student, you have the right to a safe and comfortable learning environment. You do not have the right to impinge on other students' learning. Talking or other disruptive classroom behavior WILL affect your grade. If the disruptive behavior continues, you will be referred to the Dean of Student Affairs for further action. Refer to the Standards of Student Conduct on pp. 41-42 of the 2012-2013 General Catalog for details.

**CLASS WORK POINTS:**

- You don't receive points for attending class or lose points for missing class. However, several in-class activities will be worth points which you can only receive if you are in class that day, for a total of 30 possible points. Any activities you miss by being absent CANNOT be "made up".
- Unlike exam points and homework points, **class work points can be both earned and lost**, according to the rules outlined here.
- **How to lose class work points:**
  - **Talking** or being otherwise **disruptive** during class (-5 points)
  - **Leaving class early** (-10 points)
  - **Cell phone** ringing, or leaving class to answer your cell phone, or texting in class...
    - First offense: Warning
    - Second offense: -10 points. You can earn up to 10 of these points back by writing a 3-page paper on a topic selected from a list I will provide for you.
    - 3 or more offenses: -20 points each time, with no chance to earn them back
- **More on cell phones and other electronic devices:**
  - Turn OFF all cell phones and electronic devices before class, and especially during exams.
  - Cell phones that are on "vibrate" mode are STILL DISRUPTIVE.
  - Leaving the room to answer cell phones that are in "silent" mode is disruptive and unacceptable. Take care of private calls/texting on your own time.
  - The use of text messaging or other electronic devices for cheating on tests will be treated with the same seriousness as any other form of cheating (see ACADEMIC INTEGRITY below). Cell phones may not be used as calculators during exams.

**ACADEMIC INTEGRITY:** Cheating and plagiarism (using as one's own ideas writings, materials, or images of someone else without acknowledgment or permission) can result in any one of a variety of sanctions. Cheating on an exam will result in a grade of "0" for that exam, plus a referral to the Dean of Student Affairs for possible further action. Multiple offenses can result in suspension or expulsion from the class. Refer to the Standards of Student Conduct on p. 34 and pp. 41-42 of the 2012-2013 General Catalog.

**STUDENTS WITH DISABILITIES:** Any student with a documented disability who may need educational accommodation should notify the instructor and the Disabled Student Programs and Services (DSP&S) office as soon as possible. DSP&S is located in the 2100 building. (760) 355 – 6313 ; TDD: 355 – 4174

**TENTATIVE SEMESTER OUTLINE AND SCHEDULE:**

(\*With the exception of the Final Exam, these dates are tentative and subject to change with advance notice!)

<b>Monday</b>	<b>Wednesday</b>	<b>Weekly Goals</b>
8/20	8/22	Ch. 1
8/27	8/29	Ch. 1; start Ch. 2?
9/3 <b>LABOR DAY – NO CLASS</b>	9/5	Ch. 2
9/10	9/12	Ch. 2; start Ch. 3?
9/17	9/19 <b>EXAM 1</b>	Ch. 3
9/24	9/21	Ch. 3; review and exam
10/1	10/3	Ch. 3; start Ch. 4?
10/8	10/10	Ch. 4
10/15	10/17 <b>EXAM 2</b>	Ch. 4; review and exam
10/22	10/24	Ch. 4; start Ch. 5
10/29	10/31	Ch. 5
11/5	11/7	Ch. 7
11/12 <b>VETERANS’ DAY – NO CLASS</b>	11/14	Ch. 7
11/19 <b>EXAM 3</b>	11/21	Ch7; exam
11/26	11/28	Ch. 7
12/3	12/5 <b>FINAL EXAM</b>	

**IMPORTANT DATES AND DEADLINES:**

September 1	Last day to withdraw without owing fees and/or be eligible for a refund Last day to add a class
September 3	Last day to withdraw without course appearing on transcripts (without receiving a “W”)
November 10	Last day to withdraw and receive a “W”
December 5	Final Exam (comprehensive)

**CAMPUS RESOURCES:****Math Lab**

Building 2500

Mon. – Thurs.: 8 a.m. – 9 p.m.

Friday: 8 a.m. – 5 p.m.

Saturday: 8 a.m. – 1 p.m.

(760) 355 – 6160 x6160

**Study Skills Center**

Located in the Library

Mon. – Thurs.: 9 a.m. – 5 p.m.

Friday: 9 a.m. – 3 p.m.

(760) 355 – 6384

**DSP&S**

Disabled Student Programs and Services is the campus office responsible for determining and providing appropriate academic accommodations for students with disabilities. Any student with a documented disability who may need educational accommodations should notify the instructor and the DSP&S office as soon as possible: Building 2100 (760) 355-6313 or (760) 355-4174 (TDD)

*“Never regard your study as a duty, but as the enviable opportunity to learn to know the liberating influence of beauty in the realm of the spirit for your own personal joy and to the profit of the community to which your later work belongs.” -- Albert Einstein*