Basic Course Information

Semester:	**Fall 2021**	Instructor Name:	**Mr. Voldman**
Course Title & #:	**Math 192-Calculus I**	Email:	**alex.voldman@imperial.edu**
CRN #:	**10062**	Webpage (optional):	
Classroom:	**Online**	Office #:	**2764**
Class Dates:	**06/21/21-07/29/21**	Office Hours:	**Contact via e-mail/zoom M-TH 10:30-11:30**
Class Days:	**MW**	Office Phone #:	**760-355-6299(only via e-mail)**
Class Times:	**8-10:05**	Emergency Contact:	**760-355-6155, 760-355-6201 Division Secretary**
Units:	**4**	Class Format:	**Online (S)**

Course Description

A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering & Math Majors. (C-ID MATH 210) (UC credit limited. See a counselor.) (CSU/UC)

Course Prerequisite(s) and/or Corequisite(s)

MATH 190 or equivalent with a grade of "C" or better, or appropriate placement as defined by AB705.

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. Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share the interpretation of the conclusion of the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO 1, ILO 2)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Compute the limit of a function at a real number.
2. Determine if a function is continuous at a real number.
3. Find the derivative of a function as a limit.
4. Find the equation of a tangent line to a function.
5. Compute derivatives using differentiation formulas.
6. Use differentiation to solve applications such as related rate problems and optimization problems.
7. Use implicit differentiation.
8. Graph functions using methods of calculus.
9. Evaluate a definite integral as a limit.
10. Evaluate integrals using the Fundamental Theorem of Calculus
11. Apply integration to find area.

Textbooks & Other Resources or Links

Stewart, James 2015. *Calculus: Early Transcendental* 8th. Brooks/Cole ISBN: 9781285741550. Journals: Math Teacher, NCTM The College Mathematics Journal, MA Technology: Graphing Calculators

Course Requirements and Instructional Methods

Homework
You will need to log into Canvas, each module has homework assignment. Homework activities will be part of the grade and will be assessed. The list of recommended problems also will be available for each chapter covered in the course. You are encouraged to work on all the assignments for extra practice.

Discussions
You will need to log into Canvas, each module has a discussion activity. Participation in the discussion in Canvas is mandatory and will be assessed. Students are expected to be ready for all class discussions.

Exams
Purpose: To review the material introduced in class and to evaluate your understanding of the material covered in the course. There will be three exams and final to be taken online within **Canvas**. Please see the tentative schedule (Syllabus or Canvas) for the dates. There will be no make-up exams. If you miss the exam, the final exam score will be used in its place.

Final Exam
Final: The final exam is mandatory(cumulative) for all students.

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

Grade Distribution

Homework	Canvas Discussions	Exams	Final
10 homework activities @ 30 points each	10 canvas discussions @ 10 points each	3 exams at @ 100 points each	Final (Cumulative) 300 points

Course Grading

Canvas Discussions	10%
Homework	30%
Exams	30%
Final	30%

900-1000 points	A (90-100%)	800-899 points	B (80-80%)	700-799 points	C (70-79%)	600-699 points	D (60-69%)	Below 600points	F (0-59%)

Course Policies

Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status

will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.

- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.

Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.

Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Other Course Information

Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- CANVAS LMS. Canvas is Imperial Valley College's main Learning Management System. To log onto Canvas, use this link: Canvas Student Login. The Canvas Student Guides Site provides a variety of support available to students 24 hours per day. Additionally, a 24/7 Canvas Support Hotline is available for students to use: 877-893-9853.
- Learning Services. There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your Campus Map for the Math Lab; Reading, Writing & Language Labs; and the Study Skills Center.
- Library Services. There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **Student Health Center**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC Student Health Center at 760-355-6128 in Room 1536 for more information.
- **Mental Health Counseling Services**. Short-term individual, couples, family and group counseling services are available for currently enrolled students. Services are provided in a confidential, supportive, and culturally sensitive environment. Please contact the IVC Mental Health Counseling Services at 760-355-6310 or in the building 1536 for appointments or more information...

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

Date/Week	Activity, and/or Assignment	Date/Week	Activity, and/or Assignment	
8/17/21 8/19/21	1.1-1.3 1.4-1.5	10/12/21 10/14/21	4.2-4.3 4.3-4.4	
8/24/21 8/26/21	2.1-2.3 2.4-2.5	10/19/21 10/21/21	4.7 4.8	
8/31/21 9/2/21	2.5-2.6 2.7-2.8	10/26/21 10/28/21	**Exam 3 is available online at 9 am, November 2 until 9 am, November 4.**	
9/7/21 9/9/21	**Exam 1 is available online at 9 am, September 7 until 9 am, September 9.**	11/2/21 11/4/21	4.9 5.1-5.2	
9/14/21 9/16/21	3.1-3.3 3.4-3.5	11/16/21 11/18/21	5.2-5.3 5.3-5.4	
		Thanksgiving Break		
9/21/21 9/23/21	3.6-3.8 3.9-3.11	11/30/21 12/2/21	5.5 5.5	
9/28/21 9/30/21	**Exam 2 is available online at 9 am, September 28 until 9 am, September 30.**	12/7/21 12/9/21	**Final exam is available online at 9 a.m. December 7 until 9 am, December 9**	
10/5/21 10/7/21	4.1 4.2	**Homework (HW) and Discussion (D) Deadlines** HW1&D1-8/24 at 9am HW2&D2-8/31 at 9am HW3&D4-9/7 at 9am HW4&D4-9/21 at 9am HW5&D5-9/28 at 9am	**Homework (HW) and Discussion (D) Deadlines** HW6&D6-10/12 at 9am HW7&D7-10/26 at 9am HW8&D8-11/2 at 9am HW9&D9-11/9 at 9am HW10&D10-11/30 at 9am	

Subject to change without prior notice