

Basic Course Information

Semester:	Spring 2024	Instructor Name:	Mr. Voldman
Course Title & #:	Math 194-Calculus II	Email:	alex.voldman@imperial.edu
CRN #:	20481	Webpage (optional):	
Classroom:	2723	Office #:	2764
Class Dates:	02/13/24-06/9/24	Office Hours:	MW 10:00-11:00am online-zoom TTH 9:00-10:00 on campus
Class Days:	TTH	Office Phone #:	760-3556299
Class Times:	10:15-11:50; 11:55-12:45	Emergency Contact:	760-355-6155, 760-355-6201 Division Secretary
Units:	4.625	Class Format:	Face-to-Face (On Campus)

Course Description

A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for Science, Technology, Engineering & Math Majors. (C-ID: MATH 220) (CSU/UC)

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

MATH 192 with a grade of "C" or better.

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 their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester.

Course Objectives

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

1. Evaluate definite and indefinite integrals using a variety of integration formulas and techniques.
2. Apply integration to areas and volumes, and other applications such as work or length of a curve.
3. Evaluate improper integrals.
4. Apply convergence tests to sequences and series.
5. Represent functions as power series.
6. Graph, differentiate and integrate functions in polar and parametric form.

Textbooks & Other Resources or Links

- Stewart, James 2021. *Multivariable Calculus* 9th. Brooks/Cole e-book ISBN: 9780357687901 or hard copy ISBN: 9781337613927

Course Requirements and Instructional Methods

Quizzes

You will need to log into Canvas, each module has quizzes. Submission of the quizzes on Canvas is mandatory and will be assessed.

Exams

Purpose: To review the material introduced in class and to evaluate your understanding of the material covered in the course. The dates are provided in the schedule below. If you miss one exam, the make-up exam date is provided in the schedule below. You can do only one make-up exam.

Final Exam

Final: The final exam is mandatory for all students. No make-up final will be provided.

What if I need to borrow technology or access to WIFI?

- To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: <https://imperial.edu/students/student-equity-and-achievement/>

Course Grading Based on Course Objectives

Grade Distribution

Quizzes	Exams	Final
24 quizzes @ 5 points each	3 exams @ 200 points each	Final 200 points

Quizzes 10%

Exams 60%

Final 30%

Grading Scale:

A	B	C	D	F
(90-100%)	(80-89%)	(70-79%)	(60-69%)	(0-59%)

Course Policies

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.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and

preparing written materials. If you do not understand how to “cite a source” correctly, you must ask for help.

- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

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

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.

Disabled Student Programs and Services (DSPS)

[Required language.] 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. **When campus is open**, the DSP&S office is 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

[Required language.] 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, **but you must make an appointment**. In addition, Pioneers Memorial Healthcare District provides basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128, **or when campus reopens**, visit 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 for appointments, or **when campus reopens** visit Room 1536, for 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

Week	Activity	Week	Activity
Week 1	6.1-6.2	Week 9	10.3-10.4
Week 2	6.3-6.4	Week 10	10.5-10.6
Week 3	Exam 1	Week 11	Exam 3
Week 4	7.1-7.2	Week 12	11.1-11.2
Week 5	7.3-7.5	Week 13	11.3-11.6
Week 6	7.8,8.1	Week 14	11.8-11.9
Week 7	Exam 2	Week 15	11.10
April 1 – April 7 Spring Break No Classes		5/30	Make-Up Exam, Review
Week 8	10.1-10.2	Week 16	Final Exam

Subject to change without prior notice

Important Dates and Deadlines

May 30 Make-Up Exam