

MATH 202 CALCULUS II SPRING 2021

Instructor: Dr. Emily Marshall
email: marshall@arcadia.edu

Office: 329 Boyer Hall
Office Hours: on Zoom by appointment

Text: Hughes-Hallett, Gleason, McCallum, et. al., *Calculus: Single Variable*, 7th Edition, Wiley, New York, 2017

Prerequisite: Math 201 Calculus I

Overview of the course: This course covers Chapters 5-10 and time permitting, some sections of Chapter 11. Topics include integration, applications of integration, sequences, and series with a possible introduction to differential equations. The course focuses on problem-solving skills, critical thinking, and conceptual understanding. By the end of the semester, students should be able to explain a graphical representation of an integral, calculate definite integrals for a variety of functions, use an integral in applications to physics, economics, and biology, identify common types of sequences, and understand and apply techniques for determining whether or not a series converges.

Online Mode for Spring 2021: This course will be conducted entirely online with live Zoom sessions held during the regularly scheduled class times. Students are expected to attend class regularly with their cameras on. Class participation and therefore attendance counts towards the final grade. Students are expected to let the instructor know right away about any expected absences or technology issues.

Grading: Grades will be based on the assignments listed below.

Three in-class exams (20% each)	60%
Quizzes	15%
Class Participation	5%
Final exam	20%

The final exam dates are as follows:

- Section 1 (11:00 class): Wednesday, May 12, 9:00 am - 12:00 pm
- Section 2 (1:30 class): Monday, May 17, 1:00 - 4:00 pm

Tests and Quizzes: Test dates will be announced at least two weeks in advance. If an emergency arises and a student must miss a test, he/she must notify the instructor by email prior to class and a make-up will be given only at the discretion of the instructor. There will be six or seven in-class quizzes and only the top five highest scores will count. If a student misses a quiz, that score will be one of the dropped scores. There will be no make-up quizzes.

Homework: Homework problems will be assigned for each section but will not be collected or graded. The best way to learn mathematics is by doing mathematics and students are expected to

stay current with the assignments. Homework problems will be explained in class and students can request problems to review on the homework discussion board on Canvas.

Class Participation: Students are expected to attend every class. We will have frequent group problem-solving sessions in class and students are expected to participate.

Academic Honesty: The instructor takes academic honesty very seriously. On tests or quizzes, the first infraction will result in a zero on the quiz, problem set or exam; the second will result in an F for the course. A student who is uncertain about what constitutes plagiarism, should consult both the student handbook and the instructor. Both the instructor and student maintain the right to refer any issue to Arcadia's Judicial Board.

Disability Services: Arcadia University provides reasonable accommodations for students with documented disabilities. If you require accommodations or other academic support due to a physical, psychological, psychiatric or learning disability, you should contact the Office of Academic Development, Disability Support Services, in Knight Hall. You can call DSS at 215-572-4033.

Title IX: Arcadia University is committed to ensuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University's Title IX Coordinator. The only exceptions to a faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project.