

POLICIES  
MATH 221 - CALCULUS II  
SECTION 02 - FALL 2021

INSTRUCTOR: Jonathan Cutler

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TEXTBOOK: *OpenStax Calculus, Volume II*, by Strang et al.

FINAL EXAM: Friday, December 17, 11.20am-1pm.

CALCULATOR POLICY: You may use a calculator on any assignment *except* in-class quizzes, the midterm exams, and final exam.

OFFICE HOURS: T 4.30-5.30pm, W 1.30-2.30pm, F 10.20-11.20am, or by appointment.

CLASS TIME/LOCATION: TF 11.20am-1.00pm, RICH 116

INTRODUCTION: This class is meant to introduce topics including applications of integrals, techniques of integration, improper integrals, infinite series, and parametric equations.

PREREQUISITE: A C- or better in MATH 122.

OBJECTIVES: The four main objectives of the course are as follows:

- (i) to explore applications of integration, including computation of volume,
- (ii) to learn many different techniques of integration, and
- (iii) to introduce and analyze infinite sequences and series.

GRADING: There will be two midterm exams during the semester in addition to a final exam, which will be cumulative. The timing of the exam will be as outlined in the syllabus for the course. The grade breakdown is as follows:

Midterms	40%
Final Exam	25%
Quizzes	20%
WebAssign Homework	15%
TOTAL	100%

HOMEWORK: Homework will be assigned for every class period. Students are expected to do this homework and ask any questions they may have either in class or during office hours. In addition to these problems, there will be weekly assignments given on WebAssign ([www.webassign.net](http://www.webassign.net)) for the class. You will need to sign up for a WebAssign account for the course. Our Class Key is as follows.

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QUIZZES: Quizzes will be given about once a week, and will be either during class or on Canvas. The lowest quiz grade will be dropped and so there are no make-up quizzes.

ATTENDANCE: While attendance will not be taken in this course, it will be extremely difficult to understand the material without attending classes. Also, quizzes, of course, require attendance.

CANVAS: All assignments will be posted on Canvas. Please check your email and Canvas regularly so that you get all announcements.

OTHER TECHNOLOGY: We will heavily rely on Desmos ([www.desmos.com](http://www.desmos.com)), a free online graphing tool, to help to gain intuition about, for example, three-dimensional solids and how Taylor polynomials approximate a function. Students are encouraged to get comfortable using this interface to help make some computations make more sense.