

# MATH 141: Calculus II

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Office Hours: Friday 11:00 A.M - 12:00 P.M.

Class Hours: MTuWThF: 9:30-10:50 A.M

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## Course Description

Math 141 (Calculus II) is a continuation of MATH 140 (Calculus I). The course covers topics such as techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

The class will meet **MTuWThF between 9:30 A.M and 10:50 A.M. from May 31, 2022 to July 22, 2022**. The class will be **held online via Zoom**, and the Zoom link will be posted on the ELMS page before the first day of class. **Please log in to ELMS to access the Zoom link for the lectures**. In the case an online class has to be cancelled, I will inform you via email. **Office hours will be on Zoom as well. Please log in to ELMS for the link.**

The text is the same as the Math 140 Text: *Calculus* or *Calculus w/ Concepts in Calculus*, by Ellis and Gulick. The course covers essentially all of Chapters 6, 7, 8, and 9, part of 10, and complex numbers.

## Grading

There will be attendance, group quizzes, worksheets, three exams, and a cumulative final exam. Heres the rubric:

Attendance	= 5%,
Group Quizzes	= 15%,
Worksheets	= 10%,
Three Exams	= 45%,
Final Exam	= 25%.

**Exam dates will be announced in class.** I will set the final letter-grade cut-offs based on the class performance. The cut-offs will be no harsher than standard (100-97% = A+, 97-93% = A, 93-90% = A-, etc).

## Course Policies

No calculators will be allowed on quizzes or exams.

**Make-up exams will only be given for absences deemed “excused in accordance with University policies.** Please see the link below.

Students requiring special exam accommodations should register with the Universitys Accessibility and Disability Service (ADS) to make appropriate testing arrangements with them. Please see the link below.

**Cheating is bad! Dont do it.** Any type of academic dishonesty, direct or indirect, will not be tolerated under any circumstances and will be reported to the Universitys Student Honor Council. Ill ask that you sign the Universitys Honor Pledge on every exam in this class.

## Attendance

Everyone is encouraged to both attend and participate in class. **Hence 5% of your grade will be determine by your attendance in class.** Please attend class, and ask questions. Chances are if you’re confused about something, other students are also confused about the same thing.

## Group Quizzes

We’ll have group quizzes every week or every other week in class. Students will be divided into randomly generated breakout groups on Zoom. Students in each breakout room are encouraged to discuss the problems with their classmates. **At the end of the quiz, each student will upload their individual work on GradeScope.**

## Worksheets

Worksheets, which will play the role of practice homework problems, will be uploaded online every week. **The worksheet problems will be graded only for completion. Students are expected to upload their work on GradeScope.**

## Honor Code

The UMD Code of Academic Integrity is administered by the Student Honor Council. The Code sets standards for academic integrity. You will be asked to write and sign the following honor pledge on each quiz and exam unless exempted by your instructor: I pledge on my honor that I have not given or received any unauthorized assistance on this quiz/examination. Note that copying solutions from other sources is plagiarism.

## External Resources

University website: <https://www.umd.edu>

Math Department Test Bank: <ter.ps/mathtestbank>

Math department tutoring: [www-math.umd.edu/undergraduate/resources.html](http://www-math.umd.edu/undergraduate/resources.html)

University make-up policy: [www.testudo.umd.edu/soc/atedasse.html](http://www.testudo.umd.edu/soc/atedasse.html)

Other university tutoring: [www.tutoring.umd.edu](http://www.tutoring.umd.edu)

Accessibility and Disability Service (ADS): [www.counseling.umd.edu/ads/](http://www.counseling.umd.edu/ads/)

University Emergency Phone Line: 301-405-7669