Math 113 Calculus I Fall 2026

Professor Margaret Readdy
825 Patterson Office Tower
phone: 859-257-4680
Math Dept Manager: 859-257-6794
margaret.readdy@uky.edu
http://www.math.uky.edu/~readdy/

Lectures: MWF noon in Chemistry Physics CP 139
Office Hours: TBA and By appointment
http://www.ms.uky.edu/~ma113/f.26/ (Common Math 113 website)
http://www.ms.uky.edu/~readdy/Current/113/ (Prof. Readdy's website)

Text: Joel Feldman, Andrew Rechnitzer, Elyse Yeager, **CLP Calculus**
Free, available via https://clp.math.uky.edu/

Material:
Volume I, Chapters 1 through 4. Volume II, Chapter 1. Some material will be omitted.
This is a first course in one variable Calculus. Topics include: Limit and Derivative, Tangent lines and velocity, Continuity, Differentiation of algebraic, exponential and trigonometric functions, The chain rule, implicity differentiation, inverse functions, The Mean Value Theorem, Modeling, optimization and related rates, Curve sketching and concavity, Continuity theorems and the Mean Value Theorem, Area and the definite integral, approximating sums, Fundamental Theorem of Calculus, Antiderivatives and substitutions.

Prerequisite: College Algebra and Trigonomety

Teaching Assistants:
Mr. Willem T. Hanssen willem.hanssen@uky.edu
Ms. Lauren Kimpel lauren.kimpel@uky.edu
Ms. Sarah Quintanilla sarah.quintanilla@uky.edu

Recitations:
§ 006 TR 8 am CB 310 (Sarah Quintanilla)
§ 007 TR 9:30 am CB 335 (Sarah Quintanilla)
§ 008 TR 11 am CB 334 (Willem T. Hanssen)
§ 009 TR 12:30 pm CB 334 (Lauren Kimpel)
§ 010 TR 2 pm CB 310 (Lauren Kimpel)

Common Hour Exams:
Tuesday, September 22, 2026 5-7 pm
Tuesday, October 20, 2026 5-7 pm
Tuesday, November 17, 2026 5-7 pm

Final Exam:
Tuesday, December 15, 2026 6-8 pm.
The final exam is cumulative.

Exam Conflict(s): Submit online alternate exam request form **no later than two weeks before an exam** if you have a schedule conflict due to a class or University-sponsored activity.

Homework: It is VIP to logon to UK Canvas to access webwork! Otherwise you will not get credit for your hard work! See https://www.uky.edu/canvas/. Start your homework early! Be mindful of the one-day reduced scoring period.

Recitation Worksheets: Be sure to download and print worksheets or bring laptop to recitation so that you can work on these in recitation. A pdf of all of the worksheets can be downloaded here: https://www.ms.uky.edu/~ma113/f.26/worksheets.pdf. See common syllabus for details.

Quizzes:
10 quizzes are given via Webwork. You are only allowed to submit your answer twice. No reduced scoring period or late submissions!

Written Assignments: There are 6 written assignments. The lowest score from WA 1-5 is dropped. Please refer to the common syllabus for due dates.

Participation:
The participation 20 points is a combination of lecture and recitation attendance. The instructor will take attendance during each lecture and award points based upon the percent of lectures you attend. For example, attending all of the lectures will result in 100% of the possible lecture participation points, or 10 out of 10 points. The same will be done in recitation, with the maximum amount of points being 10 out of 10 points. Add these two numbers together to get your total participation points. Students will not be penalized for valid excuses.

Course Grade:

Participation:	20 points
Written Assignments	40 points
Quizzes	40 points
Webwork	100 points
Exams 1, 2 & 3	300 points
Final Exam	100 points
Total possible points	**600 points**

Course Grade & Total points

A	540 and above
B	480 to 539
C	420 to 479
D	360 to 419
E	Under 360

Math 193:
See above for attendance requirements. Please refer to your TA's recitation syllabus.

Missed Exams/Assignments/Absences
If you miss any coursework or exams due to sickness or other unforeseen event, it is important to **contact both your recitation instructor and Prof. Readdy** as soon as possible so that we can make appropriate arrangements. Missed work and exams etc. may be made up only for illness with medical documentation or for other unusual (documented) circumstances at the discretion of the instructor.

Late Work:
Refer to the course website for the 24 hour reduced scoring period for WeBWorK and for the "lose 20% credit per day rule" for late written assignments.

Absences, cont'd:
Administrative Regulation - Academic and Student Rule AR-ASA 5.2.5.2 the 192 page document https://regs.uky.edu/sites/default/files/2024-06/administrative-regulation-academic-and-studen pdf The current rules define acceptable reasons for excused absences to include: (a) significant illness of student or serious illness of member of student's household/ immediate family, (b) death of immediate family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor. You must present full documentation in order to request makeup work for a valid absence. The instructor will require "appropriate verification" when students claim an excused absence of any kind.

Appropriate notification of absences due to University-related trips or a major religious holiday is required no later than 7 days prior to the absence.

Per University policy, if you miss one-fifth or more of the scheduled lectures due to *excused or unexcused* absences, the instructor will request that you withdraw from the course.

Cheating:
Don't do it. It is an extremely serious offense. As a minimum response, I will give a zero to the offender on the assignment/exam/quiz/etc.

Plagiarism:
Plagiarism includes copying from outside sources, including internet sources. If charged, at minimum you will receive a zero. Maximum penalties include being suspended, dismissed or expelled from the University. For further information, consult the UK Administrative rules.

Classroom Decorum:
Code of Student Conduct (AR 4.10), Section V, Letter F, Instructional Setting Behavior:
https://studentsuccess.uky.edu/student-conduct/services/code-student-conduct

> *"Students who engage in conduct that results in disruption of an instructional setting may be directed by the instructor to leave the class for the remainder of the instructional setting period."*

Examples include but are not limited texting, to reading email during class, taking phone calls, updating your favorite social media page, using a fidget spinner, reading the newspaper, interrupting classmates and speaking aloud without being called upon. An attitude of respect for and civility towards other students in the class and the instructor is expected at all times. If what you are doing would be inappropriate behavior on a job interview, then it is very likely inappropriate behavior in the classroom.

Devices: Calculators that *do not* have symbolic manipulation capabilities are allowed for quizzes and exams. Items you cannot use include your mobile phone, laptop, TI-89, etc. By University policy the use of such constitutes cheating. Refer to the Common Course website for details.

Laptops and/or cellphones **are not allowed to be used at any time in the classroom** without the instructor's prior consent.

Students with Disabilities:
Students with disabilities should provide your instructor with a Letter of Accommodation from the Disability Resource Center. The DRC can be reached via phone (859-257-2754) or email (drc@uky.edu).

Intellectual Property:
All course content, including, but not limited to handouts, assignments, live and recorded lectures, lecture notes, syllabus, review materials, quizzes, exams, and webpages, is the intellectual property of the instructor. The instructor is the exclusive owner of all course materials. Course content cannot be shared in any way with anyone or with anything. Course content also cannot be uploaded, reproduced in any medium or sold without prior permission from the instructor.

All video and audio recordings of lecturers and class meetings provided by the instructor are for educational use by students in this class only. They are not to be copied, shared, uploaded to other online environments or redistributed in any manner.

Unauthorized Photography & Recording:
Video and/or audio recordings are not permitted unless you have received prior permission from the instructor. Recording of other students by student(s) is prohibited per the UK Code of Student Conduct. Any distribution of recordings is also prohibited. Students with specific recording accommodations approved by the Disability Resource Center should present their official documentation to the instructor.

Any violation of the class photography & recording policies will result in your final course grade being reduced by one letter grade as a minimum penalty.

Classroom Emergency Preparedness & Response Information
Please go to here and look under "Classroom Emergency Preparedness and Response Information" for instructions and further information.

Prohibition of use of AI
See Prof. Readdy's Addendum regarding the prohibition of use of AI for all aspects of the course.

The instructor reserves the right to modify this syllabus at any time.

Last updated August 22, 2026.

Other miscellaneous items from the Provost Checklist:

Unless noted, office hours will be held in Prof. Readdy's office.

Administrative Regulation - Academic and Student Affairs AR-ASA 5.25 Academic Standards
This 192 page document can be found at https://provost.uky.edu/instructor-resources/academic-policy-statements

Helpful resources at the Office of Student Success: https://studentsuccess.uky.edu/get-help.

What is Plagiarism? https://ombud.uky.edu/students/what-plagiarism
What is Cheating? https://ombud.uky.edu/students/what-cheating

Student Support
The University of Kentucky has resources to enhance your well-being and mental health. Visit https://studentsuccess.uky.edu/well-being to see a list of services. Most are covered by student fees though you should consult with each website. These services may include:

- (TRACS) Triage, Referral, Assistance and Crisis Support to talk to a clinician for mental health support and referral. For further information, visit https://studentsuccess.uky.edu/tracs
- The Center for Student Support and Intervention (CSI) for someone to guide you through campus resources and/or if you need an explanation for an extended absence. For further information, please visit the site https://studentsuccess.uky.edu/center-support-and-intervention
- University Health Services (UHS) for managing primary physical care and other medical issues See their website to determine if UHS is best for your needs and schedule appointments. For further information, please visit the site https://ukhealthcare.uky.edu/university-health-service
- University Behavioral Health (UBH) for managing psychiatric conditions, diagnostic testing, and medication management. For further information, visit the site https://ukhealthcare.uky.edu/university-health-service/student-health/services/behavioral-health
- The Disability Resource Center (DRC) for accommodation requests, based on diagnosed disabilities. See https://studentsuccess.uky.edu/disability-resource-center
- The Collegiate Recovery Program, for people in or exploring recovery from addiction. Please see:

  https://studentsuccess.uky.edu/power/services/collegiate-recovery-program

Please consider opportunities to use these services that do not conflict with your course attendance. If there are extenuating circumstances that you would like to discuss, please contact me by e-mail.

For further information, please see:

- UK Academic Policy Statements https://provost.uky.edu/instructor-resources/academic-policy-s
- UK Mental Health Resources https://studentsuccess.uky.edu/get-help
- UK Academic Support https://studentsuccess.uky.edu/academicresources
- UK Academic Ombud https://ombud.uky.edu/students

Prof. Readdy's Addendum prohibiting the use of Generative AI (GenAI)

Effective date: August 24, 2026

READ THIS! IT IS IMPORTANT!

A major focus of this course is to develop your mathematical skills and knowledge of Calculus. **All assignments for this course, unless otherwise indicated, must be completed for this course without the use of AI, problem solving technologies, google, etc.**

This policy is to ensure academic integrity, fairness and learning outcomes of the course.

Prohibitions include:

- You may not copy from any online sites (Examples: Course Hero, Chegg.)
- You must not utilize problem-solving technologies and/or composition technologies (Examples: ChatGPT, WolframAlpha, matrixcalc.org or other GenAI software)
- Work submitted, including drafts, final versions, and all other submissions, must be written by the student themselves. Sources must be cited for all written assignments.
- Any use of these sites or tools will be considered academic misconduct. You will be charged and penalized per the course's Plagiarism rules.

Please contact your instructor if you have any questions or concerns regarding this policy.

By signing below, I acknowledge that I have read, understood and will abide by the terms of this addendum.

Signed _____ *Date* _____

Name _____ *Last 4 digits of student id* _____