

# Math 132 – Calculus II – Syllabus

Spring 2020

## Instructor

- Chris Elliott ([cellriott@math.umass.edu](mailto:cellriott@math.umass.edu))  
Office Hours: Tuesday 1:00 – 3:00 in the Calculus Tutoring Center, Friday 3:00 – 4:00 in LGRT 1124

## Teaching Assistants

- Oskar Bzoma ([bzoma@math.umass.edu](mailto:bzoma@math.umass.edu))  
Office Hours: Tuesday 3:30 – 5:30 in LGRT 1323I, Wednesday 12:00 – 1:00 in the Calculus Tutoring Center,
- Jacob Cordeiro ([jgcordeiro@math.umass.edu](mailto:jgcordeiro@math.umass.edu))  
Office Hours: Monday 1:00 – 2:00 in the Calculus Tutoring Center, Wednesday 10:00 – 11:00 and Thursday 1:15 – 2:15 in LGRT 1327
- ByeongHo Ban ([ban@math.umass.edu](mailto:ban@math.umass.edu))  
Office Hours: Thursday 12:00 – 1:00 in the Calculus Tutoring Center, Thursday 9:30 – 10:30 and Friday 1:30 – 2:30 in LGRT 1323F

Some office hours will be held in the Calculus Tutoring Center, in LGRT 140. For information on opening hours, go to <https://www.math.umass.edu/undergraduate/learning-resources/tutoring-centers>. This is a great additional resource for small group tutoring – you aren't restricted to going during one of our office hour time-slots!

## Course Description

### What We'll Cover

- The concept of integration, and how to compute integrals.
- Sequences and series, tests for convergence, and Taylor series expansions of functions.
- Parametric equations for curves and polar coordinates.

## Schedule

I will be teaching two sections of 132 meeting at the following times

- **Section 01:** MWF 10:10 - 11:00 am, **Lederle Grad Res Tower 121**
- **Section 11:** MWF 11:15 am - 12:05 am, **Lederle Grad Res Tower 121**

There will also be a TA led problem session, where you'll work through problems together with your peers and the TA. These will take place at the following times:

- **Section 01AA :** Tu 1:00 - 1:50 pm, **Lederle Grad Res Tower 141** – TA: Oskar Bzoma
- **Section 01AB:** Tu 2:30 - 3:20 pm, **Lederle Grad Res Tower 141** – TA: Oskar Bzoma

- **Section 11AA:** Thu 8:30 - 9:20 am, **Lederle Grad Res Tower 143** – TA: ByeongHo Ban
- **Section 11AB:** Thu 11:30 am - 12:20 pm, **Lederle Grad Res Tower 143** – TA: Jacob Cordeiro

There will be two mid-terms and a final. Please bring your UMass Student ID card to the exam. There will be review sessions immediately before each exam: information on dates and times of the review sessions will be available in the weeks leading up to each exam.

- **Midterm 1:** Wednesday March 4th, 7:00 – 9:00 pm, **Room TBA**
- **Midterm 2:** Wednesday April 8th, from 7:00 – 9:00 pm, **Room TBA**
- **Final:** Tuesday May 5th, 8:00 – 10:00 am, **Boyden Phys Ed Gym**

## Class Materials

- We'll use the textbook **Calculus: Early Transcendentals** by James Stewart. We'll cover most of the material from Section 5.3 to Section 7.8 and from Section 10.1 to Section 11.10 in this class.
- You'll need to purchase access to the Enhanced WebAssign system. This includes an electronic copy of the textbook. To purchase access the WebAssign, go to <https://www.cengage.com/webapp/wcs/stores/servlet/en/microsites/UMASSCALCULUS1>. If you're planning on continuing on to take Math 233, this course uses the same textbook and WebAssign system, so you should purchase multi-term access. That way you won't need to purchase the book again.
- When you purchase the textbook, make sure you use your umass e-mail address.
- If you want to buy a physical copy of the textbook, you can do that from the same link: there's a loose leaf option and a hardcover option. If you choose to buy the hardcover version of the textbook, make sure to purchase WebAssign access as well.

## Assessment Structure

- **WebAssign homework (10%):** To be completed online. Due every Wednesday and Friday. Access using the following class keys.
  - Section 01 (10:10 AM): umass 8923 2378
  - Section 11 (11:15 AM): umass 2035 1178
- **Quizzes (10%):** Done during section. These will be open-book and open-note, and you are encouraged to work together, and to ask your TA for help. The lowest quiz score will be dropped.
- **Midterm exams (x2) (25% each):** Please review the make-up exam policy below. The exams are closed book, and a calculator is not allowed.
- **Final exam (30%):** Please review the make-up exam policy below. The exams are closed book, and a calculator is not allowed.

Note: If your final exam score exceeds the average of your Exam 1 and Exam 2 scores, then your final exam will count 35% (instead of 30%) and each of Exams 1 and 2 will count only 22.5% (instead of 25%).

## Make-up Exams

All students must take the regular exam unless you have are qualified to take the official make-up exam, and follow the make-up exam procedure. All requests to take the make-up exam must be made in writing *at least two weeks in advance* of the exam date. Permitted reasons for taking a make-up exam are:

- Exam or class conflicts. You must submit a document from the Registrar's Office or other supporting documents at least two weeks before the scheduled exam.
- Recognized university travel (e.g. for an athletic competition or academic conference). You must ask your supervisor or your coach to write an explanation letter to me, including their phone number, at least two weeks before the exam.
- Religious observance. You must send me a letter explaining the observance at least two weeks before the scheduled exam.
- Medical reasons. You must send me a medical professional's statement including their phone number, which indicate that you were unable for medical reason to take the scheduled exam. This must be sent *before* the exam.

Make-up exams are *not* allowed for reasons of personal travel.

## Academic Honesty

*Since the integrity of the academic enterprise of any institution of higher education requires honesty in scholarship and research, academic honesty is required of all students at the University of Massachusetts Amherst. Academic dishonesty is prohibited in all programs of the University. Academic dishonesty includes but is not limited to: cheating, fabrication, plagiarism, and facilitating dishonesty. Appropriate sanctions may be imposed on any student who has committed an act of academic dishonesty. Instructors should take reasonable steps to address academic misconduct. Any person who has reason to believe that a student has committed academic dishonesty should bring such information to the attention of the appropriate course instructor as soon as possible. Instances of academic dishonesty not related to a specific course should be brought to the attention of the appropriate department Head or Chair. The procedures outlined below are intended to provide an efficient and orderly process by which action may be taken if it appears that academic dishonesty has occurred and by which students may appeal such actions. Since students are expected to be familiar with this policy and the commonly accepted standards of academic integrity, ignorance of such standards is not normally sufficient evidence of lack of intent. For more information about what constitutes academic dishonesty, please see the Dean of Students website: [http://umass.edu/dean\\_students/codeofconduct/acadhonesty/](http://umass.edu/dean_students/codeofconduct/acadhonesty/).*

## Accommodations

*The University of Massachusetts Amherst is committed to making reasonable, effective and appropriate accommodations to meet the needs of students with disabilities and help create a barrier-free campus. If you are in need of accommodation for a documented disability, register with Disability Services to have an accommodation letter sent to your faculty. It is your responsibility to initiate these services and to communicate with faculty ahead of time to manage accommodations in a timely manner. For more information, consult the Disability Services website at <http://www.umass.edu/disability/>.*