

Calculus and Analytic Geometry I 3450:221-001, Spring 2020
Dr. Kevin Kreider, CAS 220B, 330 972-6121, kreider@uakron.edu
web page:

<http://www.math.uakron.edu/~kreider/>

Office Hours: MTWR 11:00-12:00 or by appointment

Text: *Calculus*, 8th edition, Stewart, Cengage, ebook access on Brightspace

Policies:

1. If you have any questions or concerns about this course, don't hesitate to talk with me.
2. Learning Outcomes. Students are expected to be able to
 - Communicate mathematical results through the proper use of mathematical notation and words;
 - Learn the definition of the limit of a function, how to calculate limits using the limit laws, and the definition of continuity;
 - Learn the definition of the derivative of a function and how to differentiate polynomial, exponential, trigonometric, inverse trigonometric and logarithmic functions, as well as products, quotients and compositions of these functions;
 - Learn applications of the derivative;
 - Learn the definitions of the definite and indefinite integral, the Fundamental Theorem of Calculus, and the substitution rule.
3. Course grades are determined by a total of 500 points:
300 pts 3 midterm exams (100 pts each)
50 pts recitation (quizzes and homework)
150 pts comprehensive final exam
The tentative grade scale is: A (465-500), A- (450-464), B+ (435-449), B (410-434), B- (400-409), C+ (390-399), C (360-389), C- (350-359), D+ (340-349), D (300-339), D- (290-299), F (0-289).
4. Graded homework and quizzes will be given regularly. Together, these comprise your recitation score. About 10% of the scores will be dropped. The sections to be covered will be announced in class. **No makeup quizzes will be given.**
5. There is a list of suggested homework problems for each section. These will not be collected, but if you don't do them, you will be at a disadvantage for the graded assignments. It is your responsibility to ask questions in and out of class.
6. Exams will emphasize calculation skills, although each exam will contain questions on the theory presented in class. **You are not automatically allowed to take a make-up exam.** You must obtain permission from me. Contact me as soon as possible before

the exam is given. Make-up exams must be taken within one week of the scheduled exam. The only exceptions are extreme emergencies, such as hospitalization or alien abduction.

7. Throughout the semester your grades will be posted on Brightspace. You may access Brightspace at <https://brightspace.uakron.edu>
8. Course materials, especially exam preparation materials, are posted on my web site (URL above). Be sure to visit the site regularly.
9. All University regulations apply to this course. In particular, the policies concerning academic dishonesty, sexual harassment and withdrawal from a course apply. The deadline to withdraw is 1 March. The withdrawal policy is found at <http://www.uakron.edu/ogc/UniversityRules/pdf/20-05.1.pdf>
10. Students with Disabilities: In pursuant to University policy #33-59-20-01 subsection C, The University of Akron recognizes its responsibility for creating an institutional atmosphere in which students with disabilities have the opportunity to be successful. Any student who feels he/she may need an accommodation based on the impact of a disability should contact the Office of Accessibility at 330-972-7928 (v), 330-972-5764 (tdd) or access@uakron.edu. The office is located in Simmons Hall Room 105. Accommodations letters for students with certified disabilities will be sent to instructors electronically. Students will request and coordinate all of their accommodations through the Student Testing and Accommodation Request System (STARS).
11. Title IX Statement: The University of Akron is committed to providing an environment free of all forms of discrimination, including sexual violence and sexual harassment. This includes instances of attempted and/or completed sexual assault, domestic and dating violence, gender-based stalking, and sexual harassment. If you (or someone you know) has experienced or experiences sexual violence or sexual harassment, know that you are not alone. Help is available, regardless of when the violence or harassment occurred, and even if the person who did this is not a student, faculty or staff member. Confidential help is available. If you wish to speak to a professional, in confidence, please contact: Rape Crisis Center www.rcmsc.org 24 Hour Hotline: 877-906-RAPE Office Located in the Student Recreation and Wellness Center 246 and the office number is: 330-972-6328 University Counseling and Testing Center uakron.edu/counseling 330-972-7082 University Health Services uakron.edu/healthservices 330-972-7808 Please know the majority of other University of Akron employees, including faculty members, are considered to be responsible employees under the law and are required to report sexual harassment and sexual violence. If you tell me about a situation, I will be required to report it to the Title IX Coordinator and possibly the police. You will still have options about how your case will be handled, including whether or not you wish to pursue a law enforcement or complaint process. You have a range of options available and we want to ensure you have access to the resources you need. Additional information, resources, support and the University of Akron protocols for responding to sexual violence are available at uakron.edu/Title-IX.

12. To reduce the cost of course materials, the materials for this course are provided digitally in Brightspace, and they will be charged to you through your tuition. There is nothing additional required for you to purchase, but discounted print copies may be available to you after the add/drop period. Please check with your bookstore staff. By law the cost is below market value, and it is very unlikely that you will find them cheaper elsewhere. If you choose to opt out of the program and source your materials in another format, you may do so by filling out the form provided at uakron.edu/book and taking it into the bookstore personnel.