

Syllabus:  
**3450:222 Calculus 2**  
Section 001, Spring 2022

**Instructor:**

J. Patrick Wilber

Office: Arts and Sciences Bldg., Room 265  
Office Hours: Weds. 10:30am–11:30am & Thurs. 12pm–2pm, and by appt.  
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Quizzes	200pts
Exam 1	100pts
Exam 2	100pts
Exam 3	100pts
Final Exam	150pts
Total	650pts

**Learning Outcomes:**

See the back of this sheet.

**Text:**

*Calculus: Early Transcendentals*, 9th Edition, Stewart

**Homework, Exams, Grades:**

I will recommend **homework problems** out of our text for each section we cover. These will NOT be collected.

We will have a quiz every Friday except during exam weeks. The quiz will be based on the recommended HW.

I will drop your two lowest quiz grades at the end of the semester.

We will have three in-class exams and a cumulative final exam. These are scheduled as follows:

<b>Exam 1</b>	Friday, 2/4
<b>Exam 2</b>	Friday, 3/4
<b>Exam 3</b>	Friday, 4/8
<b>Final Exam</b>	Time and Location TBA

Points for homework and exams will be allotted as indicated in the table above. I will assign letter grades using the standard cutoffs: 90-100% of the total possible points is an A, 80-89% is a B, etc. Pluses and minuses will be added at my discretion. Also, I may curve at the end of the semester if I feel a curve is appropriate.

Please note that there will be no extra-credit assignments in the course for any reason.

**Make-up Policy:**

If you miss a quiz with a university-sanctioned excuse, then I will count your next quiz double. If you miss an exam with a university-sanctioned excuse, then we will arrange a make-up exam.

**Other Comments:**

Students whose names do not appear on the university's official class list by January 16th will not be permitted to participate, i.e., to attend class, to take exams, or to receive credit.

Timely information about the course, like assigned homework problems, will be posted on my website. Please visit the site (the URL is given above) frequently.

The last day to withdraw from the class is Sunday, February 27th.

Graphing calculators will NOT be permitted on quizzes or exams.

## Learning Outcomes for 3450:222 Analytic Geometry and Calculus II

Students are expected to be able to:

1. Communicate mathematical results through the proper use of mathematical notation and words.
2. Use basic integration techniques, including substitution, integration by parts, trig integrals, trig substitution, and partial fractions.
3. Apply integration techniques to solve problems regarding volume, surface area, length of a curve, and other applications.
4. Understand sequences and series, including tests of convergence and divergence of series.
5. Work with power series and their basic properties.
6. Understand parameterized curves and polar coordinates.

### **Important Additional General Information:**

**STUDENTS WITH DISABILITIES:** 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](mailto:access@uakron.edu). The office is located in Simmons Hall Room 105. Accommodation 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).

**IMPORTANT NOTICE:** 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) have experienced or experiences sexual violence or sexual harassment, know that you do not need to handle this 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:

- University Counseling and Testing Center – [uakron.edu/counseling](http://uakron.edu/counseling) 330-972-7082
- Rape Crisis Center – [www.rccmsc.org](http://www.rccmsc.org) – 24 Hour Hotline: 877-906-RAPE
- The office is located in the Student Recreation and Wellness Center 246 and the office number is: 330-972-6328
- University Health Services – [uakron.edu/healthservices](http://uakron.edu/healthservices) 330-972-7808

Please know that I, as well as the majority of other University of Akron employees, am considered to be a “responsible employee” under the law and am 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](http://uakron.edu/Title-IX).