

(DRAFT) SYLLABUS FOR MATH 235, CALCULUS I

Instructor: Dr. Zev Woodstock

Office: Roop 310

Office hours: Tu/W 11:15–12:15 and by appointment;
available in Burruss between Sections 8 and 9.

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PREREQUISITES: Proficiency in high school algebra, geometry, logarithms, and trigonometry as well as a sufficient score on the math placement test. Students requiring further reinforcement on these prerequisites are referred to the [Science & Math Learning Center](#)  (SMLC).

CLASS DETAILS: Math 235, Calculus I, Fall 2024.

Section 0008: MWF: 1:50 - 2:40 in Burruss 130, and Tu: 12:45 - 2:00 in Burruss 033.


Section 0009: MWF: 3:00 - 3:50 in Burruss 141, and Tu: 2:20 - 3:35 in Burruss 141.

BOOK: *Calculus Early Transcendentals*, J. Stewart, edition ≥ 6 .

CALCULATORS: With no exceptions, the only machines allowed for assistance on assessments (including exams and quizzes) have **only** the ability to compute $+$, $-$, \times , \div , exponentiation, logarithms, trigonometric functions, and roots (e.g., square root). Machines with any other capabilities, (e.g., phones) are not allowed. For homework, graphing calculators such as [Desmos](#)  are allowed. Unless specifically stated as a requirement in an assignment, the use of LLMs (e.g., ChatGPT, LLAMA3) or algorithmic solvers (e.g., Wolfram Alpha, Maple, and Gurobi) are prohibited.

GRADING: There will be three midterm exams (18% each) and a final exam (22%). Homework, quizzes, and classwork are also 24% of the final grade. If it helps the final grade of the student, **the lowest midterm grade can be replaced with the final exam grade**. Grades will be assigned according to the following scheme, with $+/-$ assigned if within 2 points of the closest grade.

A: Over 90%, B: $89.\overline{9}\% - 80\%$, C: $79.\overline{9}\% - 70\%$, D: $69.\overline{9}\% - 60\%$, F: under 60%.

UNIVERSITY POLICIES: For JMU policies for attendance, inclement weather, disability accommodations and religious accommodations, please see: <http://www.jmu.edu/syllabus/> .

HONOR CODE All students must abide by the JMU honor code at all times. Cheating comes with serious repercussions: <http://www.jmu.edu/honorcode/> .

EXAMS: Unless agreed upon by the instructor in advance, no makeup exams will be offered. Exams missed for an *unexcused* reason receive 0 credit. For *excused* absences, the average of the student's other exams will be used to determine the missing grade. *Predictable absences:* Student must provide documentation 24 hours prior to the exam. *Unexpected absences:* Notify the instructor with

documentation within one week of the student's return to class.

EMAILS: All email correspondence must be formatted in a professional manner: this includes a greeting, closing, proper grammar/formatting, and all relevant information (e.g., class and section number). Emails which do not abide by this policy might be ignored.

ADDITIONAL HELP: Calculus can be tough. Please make use of the following resources available to JMU students with no extra cost.

- The [Science & Math Learning Center](#) (SMLC) offers tutoring for the very low price of \$0. Drop by SSC 1110, 11am - 9pm M-TH, or online (see link).
- My office hours are **Tuesday/Wednesday 11:15–12:15, and by appointment**. If my office hours do not meet your schedule, write me an email and we will find a meeting time. Since both classes meet in Burruss, I will be around for questions between Sections 0008 and 0009.
- If class is missed for any reason, refer to the schedule in this syllabus which **section** of the text to read; also, check the class website for additional notes and resources.
- JMU offers [accessibility accommodations](#), including extra exam time, note takers, and recorded lectures.
- The [JMU Counseling Center](#) has many resources and programs that are **free** to students.
- [Madison Cares](#) is a service for referring students of concern who may need help.

TENTATIVE SCHEDULE

Week 1: 8/21 – 8/23: Review, Section 1

Week 2: 8/26 – 8/30: §2.2, 2.4

Week 3: 8/26 – 8/30: §2.3, 2.5; 8/30: Add/Drop deadline

Week 4: 9/2 – 9/6: §2.6, 2.7

Week 5: 9/9 – 9/13: §2.8; XX: **Midterm I**

Week 6: 9/16 – 9/20: §3.1, 3.2

Week 7: 9/23 – 9/27: §3.3, 3.4

Week 8: 9/30 – 10/4: §3.5, 3.6

Week 9: 10/7 – 10/11: §3.10; XX: **Midterm II**; §4.1

Week 10: 10/14 – 10/18: Fall Break (no class 10/16 – 10/20)

Week 11: 10/21 – 10/25: §4.2, 4.3

Week 12: 10/28 – 11/1: §4.4, 4.5

Week 13: 11/4 – 11/8: §4.7, 4.8; XX: **Midterm III**

Week 14: 11/11 – 11:15: §4.9, 5.1, 5.2

Week 15: 11/18 – 11/22: §5.2, 5.3

Thanksgiving Break (no class 11/25 – 11/29)

Week 16: 12/02 – 12/6 §5.3, 5.4, 5.5 Final review

Final exams: [\(schedule link\)](#) **Section 0008:** Monday, 12/09, 10:30 - 12:30 AM

Section 0009: Wednesday, 12/11, 1:00 - 3:00 PM