(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/ ↗ .

ATTENDANCE: Attendance of all students is expected. Students are responsible for all of the information covered in-class, and the students will gain experience working on problems which prepare them for quizzes and exams. Absences may be excused with appropriate evidence according to University Policy (see above) in combination with appropriate notice to the instructor. If an ex-

cusable absence is *known in advance* (e.g., court appearance, medical appointment, etc.), notice must be provided via email to the instructor as early as possible prior to the absence (minimum 24 hours). If the student misses class for an *excusable and unexpected* reason (e.g., due to unexpected hospitalization), they must provide notice within 1 week of their return to university classes. The instructor may require evidence of an absence, but per University Policy, students are never obliged to divulge specific medical information.

CLASSWORK/QUIZZES: Group quizzes and individual pop quizzes may be given in class with little or no notice; if these assignments are missed for an unexcused reason, 0 credit will be given. If a student misses a quiz or classwork with an excused absence (with proper notice in accordance with the Attendance policy above), then their homework/quiz/classwork average will not include the missed assignment. If all assignments in a particular category (classwork, quizzes, or homework) are missed, 0 credit will be received in that category.

EXAMS: Exams missed for an *unexcused* reason receive 0 credit, with no opportunity for a makeup exam. For *excused* absences, the student must contact the instructor prior to the exam via email to arrange a make-up exam. If a make-up exam is not taken within 1 week of the original exam date, 0 credit will be received. For circumstances that are serious, unplanned, unavoidable, and beyond the student's control (e.g., a student is hospitalized and unable to organize a make-up exam in time), contact the instructor and the situation will be handled on an individual basis.

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, section number, and/or absence dates). Emails which do not abide by this policy will not receive a response.

GRADE APPEALS: Specific grading disputes (points totaled incorrectly, partial credit appeals, missing assignments on Canvas, etc.) should be brought to the instructor's attention within 1 week of return of the assignment. This does not guarantee a grade change, only consideration. Appeals outside of this timeframe will not be considered.

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

→ JMU offers tutoring for the very low price of $\$0$. Drop by the SMLC in SSC 1110, 11am - 9pm M-TH or online (SMLC ☑), or the Math & Statistics learning center in Roop G25 ☑ .

→ 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.

$\rightarrow$ 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; **9/10: 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; **10/8: 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; TBA: **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:[1] *Section 0008:* Monday, 12/09, 10:30 - 12:30 AM
                Section 0009: Wednesday, 12/11 , 1:00 - 3:00 PM

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[1]`https://www.jmu.edu/registrar/wm_library/fall_exam_schedule.pdf` ☒