
SYLLABUS FOR MATH 205: INTRODUCTORY CALCULUS 1

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Canvas link 

CLASS DETAILS: Math 205 (Section 0010), Introductory Calculus 1
M/W/F, 13:50 – 14:40 (1:50PM - 2:40 PM) in Burruss 238

BOOK: Applied Calculus for the Managerial, Life, and Social Sciences by Soo T. Tan, Tenth edition.

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, Copilot) or algorithmic solvers (e.g., Wolfram Alpha, Maple, and Gurobi) are prohibited.

GRADING: Homework: 10%

Midterm exam: 20%

Final exam: 25%

Formative assignments (in-class): 10%

Summative assignments (in-class): 35%

Extra credit opportunities may be announced in-class periodically throughout the semester. They may also appear on in-class assignments. If it helps the final grade of the student, **the 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: 89.9% – 80%, C: 79.9% – 70%, D: 69.9% – 60%, F: under 60%.

HOMEWORK: This semester, we will use WebWork, which is free for students enrolled in this class. To access WebWork, click the link on the class Canvas page. Unlimited resubmits are allowed. Unless instructor intervention is required, the WebWork grade will automatically be imported to the Canvas Gradebook within 12 hours.

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 that 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. *Excused absences include, e.g.,:* weddings, funerals, family/home emergencies, religious holidays, mental health reasons, physical health reasons, doctor appointments, hospitalizations, jury service and subpoenas, NCAA athletics involvement, attending a visitation event for newly-admitted students to a graduate program, and anything the Provost's office deems worthy (in writing) of an excused absence.

If an excusable 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 activities. The instructor may require evidence of an absence excuse, but per University Policy, students are never obliged to divulge specific medical information.

FIRST WEEK ATTENDANCE POLICY: At the instructor's discretion, any student registered for a class in the Department of Mathematics and Statistics who does not attend at least one of the first two scheduled meetings of the class (or does not attend the first scheduled meeting of a class that meets once a week) MAY be administratively dropped from the class. Students will be notified by email if they will be dropped. Students who fail to attend should not assume they will be administratively dropped by their instructor; it is the student's responsibility to drop the course on their own or they will receive a grade at the end of the semester. All students are responsible for verifying the accuracy of their schedules and changes made in their schedules.

HOMEWORK AND IN-CLASS ASSIGNMENTS In-class group and individual assignments (including quizzes) may be given with little or no notice; if these assignments are missed for an unexcused reason, 0 credit will be given. In-class assignments will be either *formative* or *summative*. *Formative assessments* are intended for students to get practice with new concepts learned in class and reinforce learning; *summative assessments* are intended to assess student understanding. If a student misses an in-class assessment with an excused absence (with proper notice in accordance with the Attendance policy above), then their grade average will omit the missed assignment (hence, the missed assignment will not impact their grade). If a student has an excusable reason for absence during a period when an out-of-class individual assignment is due, they are eligible for a deadline extension; students must request this extension within one week of their return to university activities. If all assignments in a particular category (e.g., 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 that 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 or its posting date on Canvas. This does not guarantee a grade change. Appeals outside of this timeframe will not be considered. Appeals must be received before final grades are submitted to the registrar.

ADDITIONAL HELP: 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 on Canvas **and by appointment**. If my office hours do not meet your schedule, write me an email and we will find a meeting time.
- 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: 8/26 – 8/28: Review; syllabus; begin 2.1, 2.2, 2.3

Week 2: 8/31 – 9/4: §2.1, 2.2, 2.3

Week 3: 9/7 – 9/11: §2.4, 2.5

Week 4: 9/14 – 9/18: §2.5, 2.6 ; **9/15:** Withdrawal deadline

Week 5: 9/21– 9/25: §3.1, 5.1/5.4, 5.2/5.5

Week 6: 9/28 – 10/2: §3.2, 3.3/3.5

Week 7: 10/5 – 10/9: §3.4, 3.6

Fall Break: 10/7 – 10/11: no class

Week 8: 10/12 – 10/16: Finish 3.4, 3.6; Review; **10/16:** Midterm Exam

Week 9: 10/19 – 10/23: §4.1/4.2 4.4/4.5

Week 10: 10/26 – 10/30: §4.4/4.5

Week 11: 11/2 – 11/6: §5.6, 6.1

Week 12: 11/9 – 11/13: §6.1, 6.2

Week 13: 11/16 – 11/20: §6.2, 6.3

Thanksgiving break: 11/21 – 11/29: no class

Week 14: 11/30– 12/4: §6.4, 6.5

Week 15: 12/7 – 12/11 §6.5; if time permits, overview §6.7. Review for final exam.

Final exam:¹ *Section 0010*: Monday, 12/14, 1:00 PM - 3:00 PM in Burruss 238

¹https://www.jmu.edu/registrar/wm_library/spring_exam_schedule.pdf 