Math 1A– Calculus – Winter 2023 Syllabus

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Office Hours:
M 12:30PM-1:20PM
Tu 12:30PM-1:20PM
W 11:30AM-12:20PM
Th 9:30AM-10:30AM

Required Materials: Textbook – Calculus, Volume 1 from OpenStax The online text is free.

Calculator – Scientific Calculator is sufficient. Cell phone calculators are ok. We may also do some graphing using desmos.com.

Access to a computer; we will be using Zoom, Canvas, Google Docs and other online material. Course topics, homework, exam information, handouts, data sets, and other information will be posted on the website or in Canvas.

Grading: Grading will be based on the following criteria. **Grades are not negotiable.**

**********Grading Scale (points) **********		Grading Criteria	
97% to 100% = A+	90% to 96% = A	Exams:	40%
87% to 89% = B+	80% to 86% = B	Final:	20%
77% to 79% = C+	70% to 76% = C	Quizzes:	20%
60% to 69% = D	0% to 59% = F	Group Work	20%

Homework: Homework is assigned each week from the textbook; homework should be completed according the attached schedule. Time permitting, homework problems will be reviewed at the beginning of the following class. Homework will not be graded.

Group Work: Some in-class group work will be given occasionally during the course. Group work can be done during the weekly Zoom session on Tuesday and Thursday, or meeting with other students at other times. This work will be turned in on Canvas by the due date. Group work can be done individually. **Credit for group work will be reduced if turned in late.**

Quizzes: Seven online quizzes will be given during the quarter. Your six highest quiz scores will be counted. There will be a flexible 3 day window to complete each quiz. **There are no make-up quizzes.**

Exams: There will be 3 midterm exams during the quarter given on Canvas. Your lowest exam score will be dropped. There will be a flexible 3 day window to complete each exam. **There are no make-up exams.**

Final Exam: A comprehensive exam will be given online . There will be a flexible 3 day window to complete the final exam.

Weekly Structure: The Modules section of Canvas will have a list of the material for the week. This includes pre-recorded lectures, homework, group work and any quizzes or exams.

Attendance: This online class will be given asynchronous meaning that all lectures are pre-recorded and we meet online at scheduled times on Zoom for Group Work and questions. These Zoom sessions will be on Tuesday and Thursday at 4PM to 5PM. You can do group work individually, but I create the space for students to work in groups. You can also do the group work on your own with other students outside of the time created for group work.

Other Information: All students are expected to understand the college policy on cheating as outlined in the student handbook. **Plagiarism (submitting another's work as your own) will result in an immediate failure for the course for your entire group.**

If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Student Learning Outcome(s):

*Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
*Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
*Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

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