Welcome to Math 1A: Calculus Spring 2021

Welcome to the first quarter of Calculus! Calculus is an exciting and interesting subject. I hope you will enjoy learning the material in this course. We will study limits and derivatives. Please read this syllabus in its entirety. I am here to help you learn, so please contact me if you need assistance. Plan to commit a **minimum of 15 hours per week** to this course – this is a very fast-moving course!

Contact Information

Instructor: Dr Lisa Markus

The best way to contact me is **via the [InBox in Canvas (Links to an external site.)](#) and the [Ask Your Teacher (Links to an external site.)](#) in WebAssign.** I will reply by the **end of the next school day** (school days are Monday – Friday) at the latest, usually much sooner. Also post questions to the class [Discussions](#) in Canvas.

Email: markuslisa@fhda.edu.

Required Course Materials

- **TEXTBOOK**: Calculus, Early Transcendentals. Stewart 8TH Edition – the eBook is included with the homework in WebAssign
- **CANVAS**: deanza.instructure.com (Free.) Used for links to notes, videos, keeping track of your grades, doing homework taking quizzes and exams, and for uploading written work.
- **CALCULATOR**: A TI-84 graphing calculator (or equivalent) is essential throughout the course and is needed for the exams. You can [rent a TI-84 calculator(Links to an external site.) (Links to an external site.)](#).
- **HOMEWORK: For** EACH homework, be sure to **click the link to that homewor**k in Canvas. Use the direct links for each chapter in the Modules. The homework is in WebAssign, which costs about $60 for the term.
- Some way to **submit written work** in Canvas as a file upload.
- **Some files in the course are pdf.**Download [Acrobat Reader (Links to an external site.) (Links to an external site.)](#), if you do not already have it so you can read the pdf files.

Office Hours via Zoom

Office Hours: Monday 6:00pm - 7:30pm, Tuesday 2:30 - 3:30 pm, Wednesday 9:00am - 10:00am. During my Office Hours, you can talk to me live via Zoom.

The following day is school holidays, and there will be **no Office Hour** on that day:

Monday 31 May (Memorial Day)

Need Help?

Contact me! Also, there is a [Getting Help with Calculus page](#) - please refer to this!

Attendance Policy

Attendance is <u>required </u>via actively participating in class and online. I will drop any student who has not logged onto the Canvas course and Completed at least one assignment during the first week. If you fail to complete assignments 2 weeks in a row, I **may** drop you from the course, however, students are responsible TO DROP OR WITHDRAW if they so need. It is also the student's responsibility to check [http://www.deanza.edu/calendar/ (Links to an external site.) (Links to an external site.)](http://www.deanza.edu/calendar/) for the De Anza College deadlines. The course-specific dates are in MyPortal.

Please be sure to read the [Announcements](#) and check your Inbox in Canvas regularly.

Strategies for Success

1. Keep up on all work – set aside at least 15 hours per week to work on this course.
2. Ask questions! - Use Discussions, Canvas InBox, Office Hours, Tutoring...
3. Read the textbook in WebAssign and take advantage of the other resources in Canvas.
4. Start the homework long before it is due.

Note to students with disabilities

If you have a disability-related need for reasonable academic accommodations or services in this course, provide me with a Test Accommodation Verification Form (also known as a TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give **one week** notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (408 864-8753 DSS main number) or EDC advisor (408 864-8839 EDC main number). The application process is here: [https://www.deanza.edu/dsps/dss/applynow.html (Links to an external site.) (Links to an external site.)](https://www.deanza.edu/dsps/dss/applynow.html)

No Make-Ups

There are absolutely NO MAKEUPS for any missed work, and no late work will be accepted. For most assignments, some scores are dropped. This dropping of lowest scores is **also to take into account any technical difficulties** that may occur.

Academic Integrity

Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade in the assignment and will be reported to college authorities. However, on the projects you are encouraged to work in groups of up to 4 people and submit one project per group.

Online Homework

The purpose of homework is to help you learn the material in the course. You learn the most and do your best if you work through the homework problems. Also, in WebAssign, there is an "**Ask the Instructor**" button - please use this if you have questions. Your 20 highest **WebAssign** homework scores count towards your final grade, this also takes into account any technical difficulties you may have. NO EXTENSIONS WILL BE GRANTED. **Each homework question may be submitted up to 5 times,** so for each homework your score should be close to 10. Homework is usually due on Monday night at 11:00pm. To access the homework, **click on the links in Canvas**!

Some questions will require you to input symbols. For this you will [use the CalcPad (Links to an external site.)](#), which shows up automatically.

Uploading Written Work

Throughout the course, written work will be uploaded into Canvas. Only assignments uploaded as one single file in the correct place will be graded. **Late papers will receive a grade of 0.** Written work must be uploaded in Canvas as a **SINGLE (ONE) file** attachment in the correct place. The upload must be a single file, NOT a folder with several files, and NOT a zip file, by the due date and time, in the appropriate place. Upload under the correct assignment in the Assignments by clicking on the "Submit" button. Attachments that are blank, cannot be read, are in the wrong place, or cannot be opened will receive a grade of 0. If you upload more than one file, I will only grade one file - the default is the most recent upload. The following are examples of work that is NOT accepted: emailed work, work in messages in Canvas, work uploaded into the comments in Canvas, work in the wrong assignment.

Projects

Projects may be done individually or in groups of up to four members - you may post in the course [Discussions](#) to find people to work with. Turn in one copy with all of the group members' names on the project. Working alone is also just fine.

Your 6 highest project grades count towards your final grade. This dropping of lowest scores is **also to take into account any technical difficulties** that may occur.

Exams

Two Midterm Exams and one Final Exam will be given during the quarter. The exams will be timed, and are available in Canvas.

Tentative dates for the exams:

EXAM 1: Thursday 29 April

EXAM 2: Thursday 27 May

FINAL EXAM: Thursday 24 June

I count your top 2 exam scores (out of the 3 exams), <u>plus</u> the final exam score. Therefore, it is possible your final exam score will be counted twice.

Feedback

For **EVERY** assignment, be sure to review the correct answers to help understand what you went wrong, and thoughtfully ask me any questions on anything you need help with. In WebAssign there is a Key icon to click on after the due date and time. For the projects, check out the rubric in Canvas and review any comments I write about your work after it is graded. Expect the project grades with comments within 3 days of the due date.

In order to view the written feedback that is marked on your file upload (usually in red "pen", follow the steps below:

1. Go to **Grades**

2. Click on the title of the Assignment (Exam 2 File Upload)

3. Click on "View Feedback"

Grades

Lowest percent for each letter grade: A 93%, A- 90%, B+ 87%, B 83%, B- 80%, C+ 77%, C 70%, D+ 67%, D 63%, D- 60%.

Exams: 3 Exams (2 midterms and 1 Final Exam), Top 2 out of 3 at 40 point each. M

Grade Calculations

Type	Description	Maximum Points
Homework (WebAssign)	Top 20 Scores, 10 points each	200
Projects	Top 6 scores, 25 points each	150
3 Exams (2 midterms and 1 Final Exam)	Top 2 out of 3, 50 points each	100
Final Exam (may count twice)	50 points	50
Total		500

 NOTE: there are also extra credit assignments that add to your points, but not the total points, so your personal total is divided by 500 to calculate your grade.

 If you do not take the Final Exam your grade for the course will be F. I count your top 2 exam scores (out of the 3 exams), plus the final exam score. Therefore, it is possible your final exam score will be counted twice.

Tentative Course Calendar Spring 2021

Calendar for the Course			
Week	Projects due MONDAYS by 11:00pm	Homework due WEDNESDAY 11:00pm	Exams on THURSDAYS by 11:00pm
Week 1		Get Started Here Due Wednesday 11:00pm WebAssign HW 2.1-2.2 DUE FRIDAY 11:00pm	
Week 2	*Project 1 (Pre-calculus)*	WebAssign HW 2.3-2.4	
Week 3	*Project 2 (2.1- 2.4)*	WebAssign HW 2.5 – 2.6	
Week 4		WebAssign HW 2.7 – 2.8	Exam 1: Thursday. 1 hour exam in Canvas on Chapter 2 11:00am - 11:00pm

Week 5	*Project 3* (2.5 - 2.8)	WebAssign HW 3.1, 3,2	
Week 6	*Project 4* (3.1 - 3.2)	WebAssign HW 3.3, 3.4	
Week 7	*Project 5* (3.3 - 3.4)	WebAssign HW 3.5, 3.6	
Week 8		WebAssign HW 3.9,3.10, 3.11	**Exam 2: Thursday, 1 hour exam in Canvas on Chapter 3** **11:00am - 11:00pm**
Week 9	*Project 6 (3.5, 3.6,3.9 - 3.11)*	WebAssign HW 4.1 – 4.3	
Week 10	*Project 7 (4.1 - 4.3)*	WebAssign HW 4.4 – 4.6	
Week 11	*Project 8 (4.4 - 4.6)*	WebAssign HW 4.7 – 4.9	
Week 12	*Project 9* (4.7-4.9)	WebAssign HW 10.1,10.2 (differentiation only)	**FINAL EXAM: Thursday** **2 hour exam in Canvas** **11:00am - 11:00pm**

How this Course Works

You will find all of your class assignments, materials and projects in the Modules portion of this course. You can jump into the modules by clicking the link in the left navigation, or you can jump to a specific week here:

Week 1: Sections 2.1-2.2 | Week 2: Sections 2.3 - 2.4 | Week 3: Sections 2.5 - 2.6 | Week 4: Sections 2.7 - 2.8 | Week 5: Sections 3.1 - 3.2 | Week 6: Sections 3.3 - 3.4 | Week 7: Sections

To go to any other pages/Chapters/resources, use the "Modules" link on the left.

To leave anonymous feedback to help improve the course for future students, please visit the Class Survey.

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.