Math1C Calculus III
Winter 2023, Section 40Z, CRN 36840
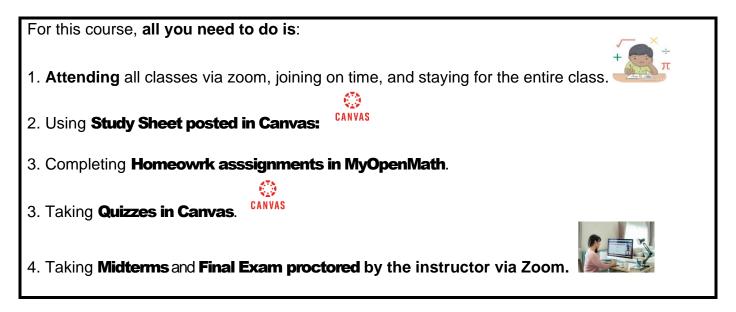
INSTRUCTOR INFORMATION

Instructor	MISAKO VAN DER POEL
Email	**van_der_poelmisako@fhda.edu** Please following the format of the subject line stated below. **"Math 1C: _____"** You write your inquiry after the colon.
Office Hours	**Tuesday & Thursday: 6:15pm–6:45pm** or email me for appointments on Monday through Friday. **ZOOM LINK** https://fhda-edu.zoom.us/j/97937658869 Passcode: 640477

CLASS MODE
This class is **synchronous and online.**
You are expected to check our Canvas page to see announcements and week module regularly.
The due date of all the assignment follows the **U.S. Pacific Standard Time (PST).**

For this course, **all you need to do is**:

1. **Attending** all classes via zoom, joining on time, and staying for the entire class.

2. Using **Study Sheet posted in Canvas:**

3. Completing **Homeowrk asssignments in MyOpenMath**.

3. Taking **Quizzes in Canvas**.

4. Taking **Midterms** and **Final Exam proctored** by the instructor via Zoom.

PREREQUISITES
Math 1B (with a passing grade of C or better) or equivalent.

MATERIALS
- (Free) Textbook: Calculus Vol II Opensax:
  https://openstax.org/details/books/calculus-volume-3
  (Calculus: Early Transcendentals, by James Stewart, Thomson/Brooks/Cole, 9th. Ed(**Optional**)
- Use of **MyOpenMath is required** to complete homework assignments.

OTHER REQUIRED MATERIAL
- **Two electronics devices (Laptop, desktop, tablet, smartphone, webcam, etc..)** are needed for taking Final Exam.

CANVAS

You are expected to check our Canvas page to see announcements, assignments, and week module regularly.

Modules:
- A new module will be created every week.
- All the lectures and the assignments will be listed in each module.
- **Study Sheet** and **PowerPoint** are posted for each section.

Files:
Lecture notes, Formula Sheets, Tables, or any documents will be posted in the Files tab.

QUIZZES

Quizzes will be assigned in CANVAS and **no late quiz** will be accepted.
For each quiz:
- **No extensions** will be granted.
- **One submission** is allowed for each question.
- Use any materials including textbook and notes.
- Submissions are due at **11:59pm** on each due date.
- Each quiz is worth **5 points.**
- **Five lowest scores will be dropped** at the end of the course.

HOMEWORK

- Homework will be assigned in MyOpenMath weekly and **no late work** will be accepted.
- **No extensions** will be granted.
- **Three submissions** are allowed for each question.
- **Three homework assignments with lowest percentage will be dropped**.
- Submissions are due at **11:59pm** on each due date.

You are expected to check the due dates on your MyOpenMath account at least once a day to plan accordingly.

EXAMS

- There will be **two** exams (1.5 hour-exams) in class.
- It is worth **120 points each.**
- All the exams are **closed-book.**
- You may use **one 8.5 X 11 inch sheet of handwritten notes (one side**).
- **NO calculator, phones**, and **other aids** are allowed.
- **Two electronics devices are required**.(Laptop, desktop, tablet, smartphone, webcam, etc..)
- **Your exam will be proctored via Zoom**.
- There are **no dropped exams.**
- If the percentage of the lowest of your exam scores is lower than that of your final exam score, then the percentage of the lowest exam will be replaced by that of your final exam. (Note that the final exam score will NOT be replaced in this manner).

Missed Exam: There are **no make-up exams**, regardless of why you missed it**.** If you are unable to take the exam at the scheduled time due to illness or an emergency, I will then use your percentage from the final exam to compute your score for the missed exam. If a second exam is missed, you will get a zero.

FINAL EXAMS

- There will be a mandatory comprehensive final exam worth **200 points**.
- Final exam must be taken on March 30 at 4:00pm-6:00pm.
- The final will cover all the material discussed during the quarter.
- Missing the final will result in a grade of "F" for the course.
- It is **closed book**.
- You may use **one 8.5 X 11 inch sheet of handwritten notes (both sides**).
- **No calculator** is allowed.
- **Two electronics devices are required**.(Laptop, desktop, tablet, smartphone, webcam, etc..)
- **Your final exam will be proctored via Zoom**.
- There are **no make-up final exams**, regardless of why you missed it**.

READING

In general, you should do the assigned reading section before the topics come up in class or in the homework. Throughout the quarter, I'll always assume that you've done all of the reading section.

CALCULATORS

The TI-83, TI-83 plus, TI-84, or TI-84 plus are recommended for the students.
NO calculator is allowed for Final Exam.
Download: TI-SmartView™ Emulator Software for the TI-84 Plus Family

https://education.ti.com/en/software/details/en/FFEA90EE7F9B4C24A6EC427622C77D09/sda-ti-smartview-ti-84-plus

     TI Emulator Apps For iPhone: GraphNCalc83 (free)
            For Android: Wabbit EMU (free)
Free online graphing tool such as https://www.desmos.com/ or https://www.wolframalpha.com/ .

De Anza College CompTechS: lets students borrow a refurbished desktop or laptop for coursework, https://www.deanza.edu/oti/computer_scholar.html

NO Extra Credit Assignment

There are no extra credit assignments in this course to improve your grade. Please do not ask for any.

GRADES

 Your grade will be based upon the total points earned, according to the following:

Homework-MyOpenMath **Three lowest percentages will be dropped.**	100 pts	
Quizzes - CANVAS (5 pt each) **Five lowest scores will be dropped.**	60 pts	
Midterms (120pt each) **One lowest score will be dropped.**	240 pts	
Final Exam-WebAssign	200 pts	
Total	600 pts	

550 – 600	**points**	**A**
530 – 549	**points**	**A-**
510 – 529	**points**	**B+**
490 – 509	**points**	**B**
470 – 489	**points**	**B-**
450 – 469	**points**	**C+**
420 – 449	**points**	**C**
360 – 419	**points**	**D**
Below 360	**points**	**F**

The De Anza College catalog advises students to do at least 2 hours of work outside the classroom for each hour spent in class. So you are required to spend at least 15 hours per week (or more) to learn the material in this course.

TUTORIAL HELP

- **SSC tutoring links and schedules:** go to the [SSC homepage](#) and click on the yellow link to add yourself to **SSC Resources Canvas**. Once there, click on Modules then the SSC area for your course. https://www.deanza.edu/studentsuccess/
- **Support for online learning:** If you'd like to speak with someone about motivation and organization strategies for online classes, we encourage you to talk with a peer tutor or SSC staff member. We get it and are going through the same things, so let's support each other!
- **Need after-hours or weekend tutoring?** See the [Online Tutoring](#) page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).

STUDENT RESPONSIBILITIES

1. It is your responsibility to keep up with the material even if you miss class.
   Note: I will not answer any Math questions over email.
2. Students are responsible for any material covered and any announcements made in their Absence. It is your responsibility to find and use the all materials posted in CANVAS.
3. You are expected to attend all classes via zoom. If you miss class, please send me an email explaining the reason.
4. It is your responsibility to submit all assignments on time.
   Note: There are no make-ups and no extensions will be granted.
5. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or contact Admissions and Records office.
6. It is your responsibility to record all the scores you have earned, using a "Score Sheet."

ACADEMIC MISCONDUCT

Academic dishonesty will not be tolerated. If a student is found cheating on an exam, plagiarizing on writing assignments, or violating other codes of academic integrity, he or she will receive a failing grade for the course and may be reported to the college for an appropriate action. See section on Academic integrity in your current schedule of classes catalog.
Please refer to https://www.deanza.edu/policies/academic_integrity.html

DISABILITY SUPPORT SERVICES

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:
Disability Support Service (DSS): Student Services Building (408) 864-8753;TTY (408) 864-8748
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
Special Education Division: 864-8407; www.deanza.edu/specialed
The application process can be found here: https://www.deanza.edu/dsps/dss/applynow.html

IMPORTANT DAYS TO REMEMBER

Jan 21, Saturday	Last day to add quarter-length classes
Jan 22, Sunday	Last day to drop for a full refund or credit.
May 3, Friday	Last day to drop with a "W"

Winter 2023	Math 1C Course Schedule	Assignments Due at 11:59pm
Week 1 **(Jan 10 – 12)**	Review for Math1B Section 11.1: Sequences Section 11.2: Series	**Quiz No.0 due on Jan 15**
Week 2 **(Jan 17 – 19)**	Section 11.2: Series Section 11.3: The integral test Section 11.4: The comparison tests	**Quiz No.1 due on Jan 19** **Quiz No.2 due on Jan 22** **HW 11.1 due on Jan 22**
Week 3 **(Jan 24 - 26)**	Section 11.5: Alternating series Section 11.6: Absolute convergence and the Ratio and Root Tests Section 11.7: Strategy for Testing Series	**Quiz No.3 due on Jan 26** **Quiz No.4 due on Jan 29** **HW 11.2–11.4 due on Jan 29**
Week 4 **(Jan31-Feb 2)**	Section 11.8: Power series Section 11.9: Representation of functions as power series Section 11.10: Taylor and Maclaurin series	**Quiz No.5 due on Feb 2** **Quiz No.6 due on Feb 5** **HW 11.5 – 11.6 due on Feb 5**
Week 5 **(Feb 7 – 9)**	Section 11.11: Applications of Taylor Polynomials **Exam 1 (11.1-11.11)** on **Feb 9 (4:00pm)**	**Quiz No.7 due on Feb 8** **HW 11.8–11.11 due on Feb 12**
Week 6 **(Feb 14 – 16)**	Section 10.1: Curves Defined by Parametric Equations Section 10.2: Calculus with Parametric Curves Section 10.3 Polar Coordinates	**Quiz No.8 due on Feb 16** **Quiz No.9 due on Feb 19**
Week 7 **(Feb 21 – 23)**	Section 10.4: Areas and Lengths in Polar Coordinates Section 12.1: Three-dimensional Coordinate Systems Section 12.2: Vectors	**Quiz No.10 due on Feb23** **Quiz No.11 due on Feb26** **HW 10.1– 10.3 due on Feb 26**
Week 8 **(Feb28-Mar2)**	Section 12.3: Dot Product Section 12.4: Cross Product	**Quiz No.12 due on Mar 5** **HW 10.4 due on Mar 5** **HW 12.1– 12.2 due on Mar 5**
Week 9 **(Mar 7 – 9)**	Section 12.5: Equations of Lines and Planes Section 12.6: Cylinders and Quadric Surfaces	**Quiz No.13 due on Mar12** **Quiz No.14 due on Mar12** **HW 12.3 – 12.4 due on Mar 12**
Week 10 **(Mar 14- 16)**	**Exam 2 (10.1-10.4 & 12.1-12.6)** on **Mar 14 (4:00pm)** Section 13.1: Vector Functions and Space Curves Section 13.2: Derivatives and Integrals of Vector Functions	**HW 12.5 – 12.6 due on Mar 19**
Week 11 **(Mar 21- 23)**	Section 13.3: Arc Length and Curvature Section 13.4: Motion in Space: Velocity and Acceleration Review for Final	**Quiz No.14 due on Mar23** **Quiz No.15 due on Mar26** **HW 13.1 – 13.2 due on Mar 26**
Week 12 **(Mar 28 – 30)**	**Final Exam** on **March 30 at 4:00pm-6:00pm**	**Quiz No.16 due on Mar29** **HW 13.3 – 13.4 due on Mar 29**

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
*Apply infinite sequences and series in approximating functions.
*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.

Office Hours:

| M,W | 08:45 PM | 09:15 PM | In-Person | MLC 108 |
| T,TH | 06:15 PM | 06:45 PM | Zoom | |