Math1C   Calculus III
Fall 2024, Section 13, CRN 27506

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-13: _____"** You write your inquiry after the colon.
Class Hour	**Monday & Wednesday: 4:00pm–6:15pm at MLC 109**
Office Hours	**Tuesday & Thursday: 5:30pm–6:20pm** Zoom Link: https://fhda-edu.zoom.us/j/97937658869 Passcode: 640477

You are expected to attend all classes.
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.

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

3. Completing **Homework assignments** in **MyOpenMath.**

4. Taking **Quizzes** in **Canvas**.

5. Taking **Midterms** and **Final Exam** in class.

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

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

CALCULATORS
The TI-83, TI-83 plus, TI-84, or TI-84 plus are recommended for the students.
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/ .

you can use online calculator via website as DESMOS (https://www.desmos.com)
or GeoGebra (https://www.geogebra.org).

CANVAS

You are expected to check our Canvas page frequently to see
- **Modules:** A new module will be created every week, and all the lectures and the assignments will be listed in each module.
- **Files:** Formula Sheets or any documents will be posted on the Files tab.
- **Announcements:** Emergencies, date change, change of plans, and etc.

READING or WATCHING VIDEOS

In general, you should do the assigned reading section or watching video 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 or watching video.

ALL ASSIGNMENTS (Homework, Quiz, and Exam)
     Late Submission = Zero Credit
     Regardless of why you missed it**;**
- **Late submissions are not acceptable**, and there is **no exception**.
- **Do not ask for any extensions**.
- **Every score counts**, and your lower score in all types of assignments (homework, quizzes, and exams) will **not** be dropped.
- Submission of each homework and quiz assignment is due at **11:59pm** on each due date.

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

HOMEWORK

- Homework will be assigned in MyOpenMath weekly and **no late work** will be accepted.
- **No extensions** will be granted.
- you will have at most 3 versions of each problem and 3 attempts are allowed for each problem . (This means that you will have at most 9 attempts on each homework problem.)
- **Five homework assignments with lowest percentage will be dropped**.
- Submissions are due at **11:59pm** on each due date.

To create an account in MyOpenMath follow these steps:
- Click here: https://www.myopenmath.com/
- Click "Register as a new student"
- Course Name: Math1C-13
- Use Course ID: **245357**
- Use Enrollment Key: **da1c13**

QUIZZES

Quizzes will be assigned in CANVAS and **no late quiz** will be accepted. For each quiz:
- **No extensions** will be granted.
- **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.**
- **Three lowest scores will be dropped** at the end of the course.

EXAMS

- There will be **two** exams (90 min-exams).
- Each exam is worth **120 points**.
- **One submission** is allowed for each question.
- 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.
- 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, then then your percentage from the final exam will be used 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 Dec 14, Thursday 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.
- **No phones**, and **other aids** are allowed.
- There are **no make-up final exams**, regardless of why you missed it**.**

ATTENDANCE / PARTICIPATIENT

- You are expected to attend all classes, arrive on time, and stay for the entire class.
- Your participation will be checked in Canvas on each day.
- Each attendance is worth **1 point** as a participation.

STUDENT CONTRACT

- Please read "Student Contract" carefully and write your signature (do NOT type your name) and date. And then upload it into "Assignments" in Canvas by Oct 6.

SCORE SHEET

- You will record all scores in the score sheet which will be uploaded into "Assignments" in Canvas by Dec 8.

TIME COMMITMENT

The De Anza College catalog advises students to do at least two hours studying outside of class for each credit hour. That means you should be spending at least four hours on each homework assignment (reviewing the notes, reading the textbook, doing the homework problems, watching videos related to the course material, etc.).

GRADES

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

Participation/ Attendance	20 pts
Homework-MyOpenMath **Three lowest percentages** will be dropped.	100 pts
Quiz- CANVAS (5 pts each) **Three lowest scores** will be dropped.	40 pts
Midterms- MyOpenMath. (120 pts each)	240 pts
Final Exam- MyOpenMath (200 pts)	200 pts
Total	600 pts

Points		Percentage
558 – 600	**A**	93%-100%
540 – 557	**A-**	90%-92.9%
510 – 539	**B+**	85%-89.9%
480 – 509	**B**	80%-84.9%
450 – 479	**B-**	75%-79.9%
432 – 419	**C+**	72%-74.9%
408 – 431	**C**	68%-71.9%
390 – 407	**C-**	65%-67.9%
372 – 389	**D+**	62%-64.9%
348 – 371	**D**	58%-61.9%
330 – 347	**D-**	55%-57.9%
Below 330	**F**	Below 55%

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."
7. Please type "**Math1C-13**" in the subject line when you contact me by email.
   Your email will not be read without the course and section number in the subject line.

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).

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

Fall 2024	Math 1C Tentative Course Schedule	
	Section Number used in **Stewart textbook**	**Section # in OpenStax**
Week 1 **Sep 23 & 25**	Review for Math1B 11.1: Sequences 11.2: Series	**5.1** **5.2**
Week 2 **Sep 30 & Oct 2**	11.2: Series 11.3: The integral test 11.4: The comparison tests	**5.2** **5.3** **5.4**
Week 3 **Oct 7 & 9**	11.5: Alternating series 11.6: Absolute convergence and the Ratio and Root Tests 11.7: Strategy for Testing Series	**5.5** **5.6**
Week 4 **Oct 14 & 16**	11.8: Power series 11.9: Representation of functions as power series 11.10: Taylor and Maclaurin series	**6.1** **6.2** **6.3**
Week 5 **Oct 21 & 23**	11.11: Applications of Taylor Polynomials **Exam 1 (11.1 – 11.11) on Oct 23 (4:00pm)**	**8.1&8.2** **6.4**
Week 6 **Oct 28 & 30**	10.1: Curves Defined by Parametric Equations 10.2: Calculus with Parametric Curves 10.3 Polar Coordinates	**7.1** **7.2** **7.3**
Week 7 **Nov 4 & 6**	10.4: Areas and Lengths in Polar Coordinates 12.1: Three-dimensional Coordinate Systems 12.2: Vectors	**7.4** **2.1** **2.2**
Week 8 **Nov 11 & 13**	**No Class on Nov 11** 12.3: Dot Product 12.4: Cross Product	**2.3** **2.4**
Week 9 **Nov 18 & 20**	12.4: Cross Product 12.5: Equations of Lines and Planes 12.6: Cylinders and Quadric Surfaces	**2.4** **2.5** **2.6**
Week 10 **Nov 25 & 27**	**Exam 2 (10.1 – 10.4 & 12.1 – 12.6) on Nov 25 (4:00pm)** 13.1: Vector Functions and Space Curves 13.2: Derivatives and Integrals of Vector Functions	**3.1** **3.2**
Week 11 **Dec 2 & 4**	13.2: Derivatives and Integrals of Vector Functions 13.3: Arc Length and Curvature 13.4: Motion in Space: Velocity and Acceleration Review for Final **Last day of class on Dec 4**	**3.2** **3.3** **3.4**
Week 12	**Final Exam** on **December 11** at **4:00pm – 6:00pm**	

IMPORTANT DAYS TO REMEMBER

Oct 7, Saturday	Last day to add quarter-length classes
Oct 7, Saturday	Last day to drop for a full refund or credit.
Oct 8, Sunday	Last day to drop with a "W"

Student Learning Outcome(s):

• 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:

     T,TH   05:30 PM   06:20 PM   Zoom