



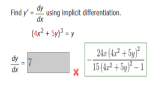

Math1B Calculus II

Winter 2023, Section 39, CRN 37781

INSTRUCTOR INFORMATION

Instructor	MISAKO VAN DER POEL
Email	van_der_poelmisako@fhda.edu Please following the format of the subject line stated below. "Math 1B: _____" You write your inquiry after the colon.
Office Hours	Monday & Wednesday: 8:45pm–9:15pm or email me for appointments on Monday through Friday.

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

1. **Attending** all classes, arriving on time, and staying for the entire class.
2. Using **Study Sheet posted in Canvas:** 
3. Taking **Quizzes in Canvas:** 
4. Completing **Homework assignments in MyOpenMath:** 
5. Taking **Midterm and Final Exams in class:** 

PREREQUISITES

Math 1A or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

MATERIALS

- (Free) Textbook: Calculus Vol II Opensax:
<https://openstax.org/details/books/calculus-volume-2>
(Calculus: Early Transcendentals, by James Stewart, Thomson/Brooks/Cole, 9th. Ed(**Optional**))
- Use of **MyOpenMath is required** to complete homework assignments.

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**.
- **Two 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.
- **Four 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)**.
- **PENCILS ONLY** must be used.
- **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, 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 campus** on **March 29, Wednesday at 6:15pm-8:15pm**.
- The final exam will be comprehensive, covering all the material discussed during the sessions.
- Please make sure that you are still on campus at that time.
- 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, notecard, phones**, and **other aids** are allowed.
- 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:

<i>Homework-MyOpenMath</i> Four lowest percentages will be dropped.	100 pts
<i>Quizzes - CANVAS</i> (5pt each) Two lowest scores will be dropped.	60 pts
<i>Midterms</i> (120pt each)	240 pts
<i>Final Exam-WebAssign</i>	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.

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. 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.”

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>

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.
Mar 3, Friday	Last day to drop with a "W"

Winter 2023

Math 1B Course Schedule

Assignments Due at **11:59pm**

Week 1 (Jan 9 – 11)	Review for Section 4.9 Section 5.1: Areas and Distances Section 5.2: The Definite Integral	Quiz No.0 due on Jan 15
Week 2 (Jan 16 – 18)	No Class on Jan 16 Section 5.3: The Fundamental Theorem of Calculus Section 5.4: Indefinite Integrals and the Net Change Theorem Section 5.5: The Substitution Rule	Quiz No.1 due on Jan 17 Quiz No.2 due on Jan 22 HW 4.9 due on Jan 22 HW 5.1 - 5.2 due on Jan 22
Week 3 (Jan 23 - 25)	Section 6.1: Areas Between Curves Section 6.2: Volumes Section 6.3: Volumes by Cylindrical Shells	Quiz No.3 due on Jan 24 Quiz No.4 due on Jan 29 HW 5.3 - 5.5 due on Jan 29
Week 4 (Jan 30 - Feb 1)	Section 6.4: Work Section 6.5: Average Value of a Function	Quiz No.5 due on Feb 5 HW 6.1 - 6.3 due on Feb 5
Week 5 (Feb 6 – 8)	Exam 1 (Ch 5 & 6) due on Feb 6 (6:30pm) Section 7.1: Integration by Parts Section 7.2: Trigonometric Integrals	 HW 6.4 - 6.5 due on Feb 12
Week 6 (Feb 13 -15)	Section 7.2: Trigonometric Integrals Section 7.3: Trigonometric Substitution Section 7.4: Integration of Rational Functions by Partial Fractions	Quiz No.6 due on Feb 19 HW 7.1 due on Feb 19
Week 7 (Feb 20 - 22)	No Class on Feb 20 Section 7.5: Strategy for Integration Section 7.7: Approximate Integration	Quiz No.7 due on Feb 26 HW 7.2 – 7.4 due on Feb 26
Week 8 (Feb 27- Mar 1)	Section 7.8: Improper Integrals Section 8.1: Arc Length Section 8.2: Area of a Surface of Revolution	Quiz No.8 due on Feb 28 Quiz No.9 due on Mar 5 HW 7.5 – 7.7 due on Mar 5
Week 9 (Mar 6- 8)	Section 8.3: Applications to Physics and Engineering Section 8.5: Probability Section 10.2: Calculus with Parametric Curves	Quiz No.10 due on Mar 12 HW 7.8 due on Mar 12 HW 8.1&8.2 due on Mar 12
Week 10 (Mar 13- 15)	Exam 2 (Ch 7) due on Mar 13 (6:30pm) Section 9.1: Modeling with Differential Equations Section 9.2: Direct Fields and Euler's Method	Quiz No.11 due on Mar 19 HW 8.3&8.5 due on Mar 19
Week 11 (Mar 20- 22)	Section 9.3: Separable Equations Section 9.4: Models for Population Growth Review for Final	Quiz No.12 due on Mar 21 Quiz No.13 due on Mar 26 HW 9.1 – 9.2 due on Mar 26
Week 12 (Mar 27- 29)	Final Exam on Mar 29 at 6:15pm-8:15pm	HW 9.3 due on Mar 28

Student Learning Outcome(s):

- *Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- *Formulate and use the Fundamental Theorem of Calculus.
- *Apply the definite integral in solving problems in analytical geometry and the sciences.

Office Hours:

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