Math1B Calculus
Spring 2021, Section 52Z, CRN 42897

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: 1:30pm–2:30pm** or email me for appointments on Monday through Friday. **ZOOM LINK** **https://fhda-edu.zoom.us/j/91021523325** Passcode: **171775**

CLASS MODE
This class is **asynchronous and fully 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).**

MATERIALS
Calculus: Early Transcendentals, by James Stewart, Thomson/Brooks/Cole, 8th. Ed(**Optional**)
Use of **WebAssign is required** to complete homework, quizzes, and exams.
Access CANVAS, click "Module" to find "WebAssign, and register for your account. Please take the advantage of the free trial for the first two-weeks and do not pay anything yet. All the purchases are non-refundable.

You will need to purchase online access to use WebAssign.
Special price $60 at http://services.cengagebrain.com/course/site.html?id=4922575

TECHNOLOGY
- You will need a **laptop** or other **keyboard-based computer** that connects to the internet (wifi or ethernet).
- Your laptop must have an attached **webcam** and working **microphone**.
- You will need some way of **scanning** and **uploading** multiple-page documents as a single PDF file. For most students with smartphones, some kind of camera scanner will work well.
    - You can use Adobe Scan which is free and relatively uncomplicated: https://acrobat.adobe.com/us/en/mobile/scanner-app.html
    - You can use Notes app to scan pages into a single pdf:
      iPhone:
      https://youtu.be/4EcenpuVmqI
      Android using Microsoft Office Lens:
      https://www.youtube.com/watch?v=Z7ztz3y8rMQ
    - You can use a free app called Genius Scan. It allows you to take pictures of your work and merge multiple pictures into one PDF document.

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

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.

CANVAS

You can access CANVAS as follows:

1. Log into **MyPortal**
2. Click on the Apps link in the left hand navigation on page, and then choose
3. Next, choose "Login to De Anza Canvas Site"
4. Once on the Canvas site, select the following class.
   S21 MATH D001B Calculus 52Z

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 on the module.
- You can **watch the lecture videos** and/or **read the power point presentations**.
- **WebAssign:** Homework, quizzes, and exams will be assigned and graded on WebAssign.
  (In WebAssign, you can access **eBook**, so please read each section before the topics come up or in the homework.)

Assignments:

You are required to upload your **Worksheet** to "Assignment" on Canvas.

Files:

Study Sheets, Lecture notes, Student Contract, Score Sheet, Formula Sheets, Tables, or any documents will be posted on the Files tab.

WORKSHEET

Worksheet will be assigned on CANVAS weekly and **no late work** will be accepted. **No extensions** will be granted. Each worksheet assignment is worth **5 points** and **five lowest scores will be dropped** at the end of the course.

You are required to

1. **Download** the worksheet from Canvas.
2. **Print** the worksheet to complete it or write your answers on a sheet of paper if you cannot access a printer.
3. **Scan your work** as PDF and **upload** it to "Assignment" on Canvas. (Student worksheet sent by email will NOT be graded and will **receive "0" point.**)
4. **PENCILS ONLY** must be used for all worksheets. Student worksheet written with pen will NOT be graded and will **receive "0" point.**

HOMEWORK

Homework will be assigned on WebAssign weekly and **no late work** will be accepted.
No extensions will be granted. You will turn in your homework assignments on WebAssign**.** Each homework assignment is worth **5 points** and **five lowest scores will be dropped** at the end of the course.

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

QUIZZES

Five online-quizzes will be assigned on WebAssign.

- You are allowed to:
    1. Spend **60 minutes** for each quiz. (You can take each quiz anytime during the week.)
    2. Submit at most two times for each question.
    3. Use any materials including textbook, notes and a calculator.
- Quiz is an individual assignment.
- You are required to do your own work.
- Submissions are due on Sunday at **11:59pm** on each due date.
- Each quiz is worth **20 points.**
- There are **no make-up and no dropped quizzes.**

EXAMS

- **Two** exams will be assigned on WebAssign.
- Each exam is worth **150 points**.
- All the midterms are open-book and open-notes but **NO calculator** is allowed.
- There are **no dropped exams.** If you take an exam and don't do well on it, you cannot drop that score. If you take an exam, the score for it will count towards your grade.
- Exam is an individual assignment and you are required to do your own work. If you seek for assistances to complete the exam, your exam score is zero and you will get an F in this course.
- **Respondus LockDown Browser** is required.

***Missed Exam**:* There are **no make-up exams**, regardless of why you missed it**.** If an exam is missed, you will get a zero.

FINAL EXAMS

- There will be a mandatory comprehensive final exam worth 200 points, and it will be assigned on WebAssign.
- The final will cover all the material discussed during the quarter.
- Missing the final will result in a grade of "F" for the course.
- Final exam is an open-book and open-notes but **NO calculator** is allowed.
- If you seek for assistances to complete the exam, your exam score is zero and you will get an F in this course.
- **Respondus LockDown Browser** is required.

CALCULATORS

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

NO calculator is allowed for exams.

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)

GRADES

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

Homework-WebAssign (5pt each) **Five lowest scores** will be dropped.	100 pts
Quizzes-WebAssign (20pt each) **NO scores** will be dropped.	100 pts
Worksheet-CANVAS (5pt each) **Five lowest scores** will be dropped.	100 pts
Midterms-WebAssign (150pt each) **NO scores** will be dropped.	300 pts
Final Exam-WebAssign	200 pts
Total	800 pts

740 – 800 points	**A**
710 – 739 points	**A-**
680 – 709 points	**B+**
650 – 679 points	**B**
630 – 649 points	**B-**
600 – 629 points	**C+**
560 – 599 points	**C**
480 – 559 points	**D**
Below 480 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 on each week. It is your responsibility to find and use the all materials posted on CANVAS.
   Note: For a relatively long math questions, please make an appointment with me to have a zoom meeting.
2. It is your responsibility to submit all assignments on time.
   Note: There are no make-ups and no extensions will be granted.
3. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or contact Admissions and Records office.
4. 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.

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

Spring 2021 Math 1B Course Schedule

Week 1 **(Apr 4 – 10)**	Review for Section 4.9 Section 5.1: Areas and Distances Section 5.2: The Definite Integral	
Week 2 **(Apr11 – 17)**	Section 5.3: The Fundamental Theorem of Calculus Section 5.4: Indefinite Integrals and the Net Change Theorem Section 5.5: The Substitution Rule	Worksheet No.0 Worksheet No.1&2 due on Apr 11 (11:59pm)
Week 3 **(Apr 18 – 24)**	Section 6.1: Areas Between Curves Section 6.2: Volumes Section 6.3: Volumes by Cylindrical Shells	Worksheet No.3,4,&5 Diagnostic Test HW 5.1 - 5.2 Quiz 1 due on Apr 18 (11:59pm)
Week 4 **(Apr25 – May 1)**	Section 6.4: Work Section 6.5: Average Value of a Function	Worksheet No.6, 7,&8 HW 5.3 - 5.5 due on Apr 25 (11:59pm)
Week 5 **(May 2 – 8)**	**Exam 1 (Ch 5 & 6)** due on **May 9 (11:59pm)** Section 3.11: Hyperbolic Functions Section 7.1: Integration by Parts	Worksheet No.9 &10 HW 6.1 - 6.3 Quiz 2 due on May 2 (11:59pm)
Week 6 **(May 9 – 15)**	Section 7.2: Trigonometric Integrals Section 7.3: Trigonometric Substitution Section 7.4: Integration of Rational Functions by Partial Fractions	Worksheet No.11 HW 6.4 - 6.5 due on May 9 (11:59pm)
Week 7 **(May 16 – 22)**	Section 7.5: Strategy for Integration Section 7.7: Approximate Integration Section 7.8: Improper Integrals	Worksheet No.12,13,&14 HW 7.1 due on May 16 (11:59pm)
Week 8 **(May 23 – 29)**	Section 8.1: Arc Length Section 8.2: Area of a Surface of Revolution Section 8.3: Applications to Physics and Engineering Section 8.5: Probability	Worksheet No.15,16,&17 HW 7.2 - 7.4 Quiz 3 due on May 23 (11:59pm)
Week 9 **(May 30–Jun 5)**	Section 10.2: Calculus with Parametric Curves **Exam 2 (Ch 7 & 8)** due on **June 6 (11:59pm)**	Worksheet No.18,19,&20 HW 7.5 & HW 7.7 - 7.8 due on May 30 (11:59pm)
Week 10 **(Jun 6 – 12)**	Section 9.1: Modeling with Differential Equations Section 9.2: Direct Fields and Euler's Method Section 9.3: Separable Equations	Worksheet No.21 HW 8.1 - 8.3 & HW 10.2 Quiz 4 due on Jun 6 (11:59pm)
Week 11 **(Jun 13 – 19)**	Section 9.4: Models for Population Growth Review for Final	Worksheet No.22,23,&24 due on Jun 13 (11:59pm)
Week 12 **(Jun 20 – 26)**	**Final Exam** due on **May 25 Friday (11:59pm)**	Worksheet No.25 HW 9.1 - 9.4 Quiz 5 due on Jun 20 (11:59pm)

IMPORTANT DAYS TO REMEMBER

Saturday, April 17	Last day to add quarter-length classes
Sunday, April 18	Last day to drop for a full refund or credit.
Friday, May 28	Last day to drop with a "W"

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.