

MATH 1B.Q11 (27495) & 201B.Q11 (28658) – Fall 2026
CALCULUS II
Classroom # S45 - MWTh 1:30 to 3:45 PM

Instructor: Ms. S. Arabhi (pronounced AA-rub-hee)

E - mail: arabhisundararajan@fhda.edu

Office Hours: Part-time office E37
Monday and Wednesday: 3:45 to 4:30 PM; Thursday: 3:45 to 4:15 PM
[Feel free to email and set up appointments outside these hours as well.]

Canvas: (De Anza's LMS – Learning Management System)
Please go to Canvas (through My Portal) for HW assignments, recordings, announcements, weekly proceedings, hand-outs etc.

Math 31 Co-requisite Class:

You are registered for Math 201B, (a 2.5 credit co-requisite algebra support class), with Math 1B. I am not going to teach Math 201B as a separate class, which means our in-person meetings will be lectures and Algebra/ PreCalculus reviews intertwined on Mondays, Wednesdays and Thursdays. Don't miss the Thursday classes since quizzes are scheduled on that day. There might be some material given in recorded videos, in case, I am not able to finish a section at the end of week. Make sure you see the videos.

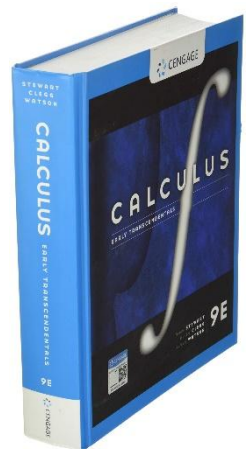
Pre-requisite: MATH 1A or Math 1AH (with a grade of C or better).

Course Objectives: (This is not an exhaustive list.)

(Chapters 5, 6, 7, 8, 9 from the textbook)
Analyze and explore aspects of integral calculus; analyze and evaluate definite integral as a limit of a Riemann sum and examine its properties; examine Fundamental Theorem of Calculus; find definite, indefinite, and improper integrals using various techniques; examine applications of definite integrals.

Required material:

- 1) Calculus: Early Transcendentals (9th edition) by James Stewart
ISBN-13:9780357128930 [ebook is available free when you register for WebAssign (\$62.11 for De Anza students)]
- 2) Scientific Calculator
[Cell Phone/ipad/smart watch / graphing calculators will not be allowed and should never be used in assessments].
- 3) WebAssign online homework
[register through my canvas class via WebAssign module]
- 4) Download Canvas App on cell phone.



HOW TO BUY E-BOOK & ACCESS ONLINE HW

Use the “WebAssign button” on homepage or go to WEBASSIGN HW modules in canvas modules to buy the e-book and access WebAssign. [WebAssign HW should be accessed through Canvas modules ONLY]

OR

[CLICK HERE](#) to learn how to register for WebAssign [or here for more details](#).

If you have any trouble registration with WebAssign, you may email Alfred Juarez at alfred.juarez@cengage.com

Do not buy any WebAssign access codes directly through the Cengage website. Always access WebAssign through my Canvas class.

Weekly Quizzes: [5 points]

There will be a quiz almost every week on Wednesdays/ Thursdays (refer to calendar) at the end of class (~15 minutes) related to the material taught the previous week. Do your reading and homework everyday, to fair well in these quizzes. Don't miss any of these since there will be **NO MAKE-UP** (before or after) quizzes. I will drop 3 lowest quiz grades at the end of the quarter, so if you are absent during a quiz, the absent quiz could be your dropped quiz.

Special group Quizzes (review for Exams): (10 points each)

This is a review for exams. A set of questions will be given in class, and you will be allowed to work in groups. You have to turn in the solution with all work to earn the 10 points. These quizzes are special because I will assist you in solving the problems and you will work in groups. These quizzes will assess your understanding of the material taught in class, and encourage you to work in groups. These will also help you review for the exam next day.

Don't miss special quizzes, since there will be no make-ups.

Homework: [ALL HWs will be due on Monday before 5 PM]

- I. WebAssign (online) problems: (2 points each section) will be assigned in every class for every section and due on Monday at 5 PM. It is your responsibility to solve the problems on WebAssign and keep a written record. We will discuss solutions to some problems, but not all. WebAssign HW will be accessed through Canvas module. Three lowest WA HWs will be dropped.
- II. Extra Credit HW on MyOpenMath (+1 point per section): Extra practice will be assigned every week on Canvas, which will also be due on Monday at 5 PM.

Exams:

Exams are primarily based on homework, problems from assessments, and solved problems in the textbook. So the best way to prepare for exams is to sincerely do all the homework, read the book, learn from your mistakes in quizzes, and clear all your doubts as soon as you can. There will be four written exams (60 minutes) and (an additional) final exam (2 hours). **THERE ARE NO MAKE-UPS for EXAMS**. However, I will drop lowest of the four exams. It is your responsibility to let me know as soon as possible (within 24 hours) if you are going to miss an exam and provide "valid" reason and documentation for the absence.

FINAL EXAM is scheduled for MONDAY, DECEMBER 7th from 1:45 to 3:45 PM. **Final exam is mandatory and will not be one of the dropped exams**, and if you cannot take the final exam at the scheduled time and date, please do not enroll in this class. The final exam will be CUMULATIVE, i.e. it will contain everything covered during the course.

Tutorial, Class Participation & Attendance: (2 pts each)

Attendance is strongly emphasized and class participation (2 points for everyday tutorial) is actually part of your course grade. Study every day and be ready with any questions you have. The first hour of class will be tutorial where you will solve a set of questions (in groups) based on whatever was taught in the previous class and turn it in at the end of tutorial session. Second part of class meeting will be lecture. There will be no make-ups or late submissions for tutorials, but three lowest tutorials will be dropped

My classes always begin promptly, so I ask that you be on time. Students who attend regularly and show up on time are almost always successful. I may drop a student from the class if they are absent 3 or more times, or miss a major exam. (But do not assume if you stop coming to class, you will automatically be dropped. You are responsible for dropping yourself out of this class). I will also drop any student who, in my judgment, is habitually disrupting the class.

* IF YOU MISS ANY CLASS, CHECK IN CANVAS or ASK YOUR CLASSMATES FOR THE MISSED WORK. PLEASE DO NOT ASK ME. *

Grading:

Tutorial (Class Participation) 2 pts each	~ 40 Points	M, W, Th (first hour, except on Exam days)
Quizzes (5 points each)	30 Points	Wednesday/ Thursday ~3:30 PM (end of class)
Special (Review) Quiz	40 points	Review quiz in preparation for Exam (second hour)
Online WA Homework (2 points per section)	60 Points	Due every Monday before 5 PM
Exam 1	50 Points	MONDAY, OCTOBER 5 th (second hour)
Exam 2	50 Points	MONDAY, OCTOBER 19 th (second hour)
Exam 3	50 Points	MONDAY, NOVEMBER 2 nd (second hour)
Exam 4	50 points	WEDNESDAY, NOVEMBER 18 th (second hour)
Final Exam	100 Points	MONDAY, DECEMBER 7 TH 1:45 PM to 3:45 PM in S45

Total Points: ~ 420

Letter Grade: I do not curve. Course grades will be determined on a standard scale:

≥ 97 %	→ A+	94 - 96.9% → A	90 - 93.9% → A-
87 - 89.9%	→ B+	84 - 86.9% → B	80 - 83.9% → B -
77 - 79.9%	→ C+	70 - 76.9% → C	
67 - 69.9%	→ D+	64 - 66.9% → D	60 - 63.9% → D -
≤ 59.9%	→ F		

There will be no retakes/make-ups offered for quizzes, exams, special quizzes, tutorials (or any assessment), if you miss them due to any reason. (Three quizzes, WebAssign HWs, tutorials and one exam will be dropped at the end of the quarter).

Additional NOTES:

- Last day to **drop class** with a full refund and with no record of grade is **Sunday, October 4th**.
- The deadline for dropping with a “W” is **Friday, November 13th**.
In every case, a student is responsible for dropping themselves. You should not assume that you are automatically dropped from the class for non-attendance. Students on the final grade roster who have not dropped, and who do not show up for the final exam, automatically receive an F in the course.
- Last day to add is Sunday, **October 4th**.
- College Policy: Students cannot take the same class more than three times for a grade, including W.

Cell phone, smart watch, laptops, and other device policy

- Cell phones, ipads, laptops have to be stowed away and out of sight. Please keep all devices on silent mode, not even in vibrate mode. *No headphones or ear devices will be allowed in class.* Noise/ light / text making devices should never be seen while class is in session. Please switch off your cell phones / beepers before entering the class out of courtesy to others.
- You may go outside the class anytime to use your cell phone
- During exams, if you have to go outside the classroom, hand in your cell phone(s) and all devices to me first.
- During exams, please wear your hat backwards and any other head gear so I can see your eyes
- If your phone sounds during a quiz or exam, this will be an indication that you are done with the quiz or exam and you risk having your paper taken from you.

Classroom and email etiquette

- If you are late to class, please settle down very quietly, without talking or disturbing anyone.
- In your email correspondences, do not forget greetings at the beginning and signing off with your name at the end. Attach photo/ scan of any question you are asking.

Contract

One purpose of this course syllabus is to provide you with the guiding principles upon which the class runs, and another is to make sure that you have, at your fingertips, answers to any questions which might arise.

Please put this sheet in a safe place where you can easily refer to it.

Make sure you read the syllabus in its entirety before you ask me any questions about the course.

Additional Assistance:

The key to being able to take advantage of any of these services is to be quick to recognize your need for assistance. It is always better to seek help sooner rather than later.

- The Math, Science & Technology Resource Center (MSTRC): Free online assistance is available on zoom through the [Student success Center](#), along with Academic skills Workshops. You may also use [Nettutor](#) on Canvas to access De Anza tutoring. WebAssign and Canvas have their own online help as well. CANVAS also has online help.
- SEE ME DURING OFFICE HOURS: Please feel free to ask me questions during class time or fix appointments outside class timings. I'll give you as much direction and assistance as I can, and refer you to additional resources as needed. **Do not wait until you are drowning to get help.**
- Any student with a documentable disability who needs academic accommodation should contact:
 - a) Disability Support Services (DSS): Student Services Building (408) 864 8839
 - b) Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864 8839
 - c) Special Education Division: 864 8407; WWW.deanza.edu/specialed

USEFUL TIPS:

- 1) Education is a gift, an opportunity, not a guarantee. When you feel like giving up, carefully organize your rationalizations and excuses on a piece of paper. When your list is complete, burn the paper! Then **keep working** on ...
- 2) Minimize your dependence on published answers at the back of the book/ internet. Learn to verify your answers by checking your solutions or by working the problem two different ways (perhaps numerically and algebraically). You will NOT have an answer key during examinations, nor at work, so **develop self-reliance.**
- 3) Students often fall into the trap of thinking that if they have done all the homework by looking at the answers and working backwards, or by plugging in numbers in similar problems, that they have mastered the material. With luck, this level of effort alone might earn a 'C' grade. Serious students do enough additional homework problems to evoke a feeling of confidence.
- 4) Be sure to quickly scan-read each section taught the previous day before coming to class. You can then spend far less time taking notes, concentrate more on what is said, and ask lots of questions.
- 5) Once class starts, all conversations among students must stop. Except when we are working in groups, only one person will speak, and everyone else will listen.

You will never be penalized for being late. But please be respectful and mindful to your fellow classmates and teacher in case you do get late, and quietly take a seat without making conversation with anyone.

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:

3:45 PM - 4:15 PM

E37 TH

3:45 PM - 4:30 PM

E37 M,W