"If I were again beginning my studies, I would follow the advice of Plato and start with mathematics." – Galileo Galilei

Math 1B-12

Calculus
CRN: 01229
Final Exam: Wednesday, Mar. 28th 11:30 am – 1:30 pm

Materials

- Calculus Early Transcendentals by James Stewart (8th Edition) , IBSN 9781305272422
- **Required: Scientific Calculator only for quizzes and exams**
- **Optional: TI-83, TI-84 or any approved graphing calculator, however, not permitted on quizzes/exams.**

Grading

Your final grade will be based on the following weighted averages:

- Cumulative Final Exam = 30%
- Exams = 45% (4 administered, based on HW, class lecture, quizzes, text examples)
- Quizzes =20% (based on homework)
- Special Projects = 5%

Prerequisite

MATH 1A or MATH 1AH. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Math, Science, and Technology Resource Center (you already paid for this tutoring! Tutoring starts week 2)

(408) 864-8683
Hours: M-TH 9:00 AM to 6:00 PM
**   F 9:00 AM – 12:30 PM**

Homework

There will be problems given to you to help guide your studies. These will not be collected and will serve as representative problems for each section to prep for weekly quizzes and course exams. I will provide the question number by email.

Miscellaneous

Network, Network, Network!

Find a student in class who can be a resource for you! Excused absent a particular day? Email a buddy for notes.

Textbook Chapters Covered:

Selected sections from the following: Chapter 3, Chapter 5, Chapter 6, Chapter 7, Chapter 8, Chapter 9

Note: Instructor may cover prerequisite sections as necessary

Attendance/Exams/Expectations

- All class meetings are mandatory, no exceptions. Roll will be taken. After accruing four unexcused absences, you will be dropped. Lack of attendance, leaving before class ends, or coming in late is considered disrespectful and as such, I will take serious note. Prior notice by way of e-mail is **required** if you must be absent.

- If you choose to not continue in the class, you must drop yourself. If you are still on my roster at the end of the quarter and you stopped attending, I must give you an F.

- I will give you ample notice if I have to change the dates of the exams for whatever reason.

- Here are the quarter exams for your reference:

Exam 1	Fri. Jan 26th
Exam 2	Tues. Feb. 13th
Exam 3	Wed. Mar. 7th
Exam 4	Wed. Mar. 21st
Final	Wed. Mar. 28th

- You are required to attend all assessments and there will be no makeup quizzes or exams. I drop the lowest two quiz scores.

- The final exam must be taken during the specified time and if you cannot take the exam during the time, please find another instructor.

- You are required to pre-read sections and work through text examples prior to coming to class. Consider this practice mandatory HW every day.

- **Academic Dishonesty**
  No cheating. Enough said. If it feels like cheating, it probably is. Nothing is worth risking the privilege of attending De Anza College. I will take serious action. No talking during assessments and please **take care of your needs prior to the assessment and do not leave the room once the assessment has begun** (Solo quizzes, exams, final).

Class Conduct

Also, comparing notes is a great way to study, as different viewpoints can often yield more efficient study results.

Learning Math

Study groups work! Recopying your notes every day works! Spending a little time everyday going through the next section's examples works! Teaching someone else works! Making study guides works! Writing your own quizzes and exams works! Expect to spend about 10 hours a week studying this material. Find tutoring immediately if needed at the Math, Science, and Technology Resource Center.

Additional Information

- Grading Scale
  A+: (95, 100%]
  A: {95%}
  A -:[90, 95%)
  B+: (85, 90%)
  B:{85%}
  B-:[80, 85%)
  C+:[75, 80%)
  C : [70%, 75%)
  D: [60, 70%)
  F- [0, 60%)

- **Accommodations for Students with Learning Differences**
  If you need accommodations for being successful for this class (e.g. note-taker, test-taking services, special furniture, use of a service animal, sign language interpreter, etc.) please contact the Disability Support and Services (DSS) Department (408) 864-8753 as soon as possible. Contact the DSS if you are feeling overwhelmed and need someone to talk to and contact the Educational Diagnostic Center (EDC) at (408) 864 -8839 if you are having trouble learning in any of your classes.

Be respectful to your fellow students and to me at all times during class. Please be on time and do not leave early unless you have talked to me beforehand and do not talk during lecture. Talk as much as possible during community quizzes. Bring your textbook to class. I don't mind if you share textbooks in class or out of class.

Note: Instructor has the right to change the syllabus as necessary.

Cell Phone Policy

Please alert anyone in your personal life that you have class on MTWTHF from 12:30 PM to 1:20 PM and you are unavailable during this time. If you have a sick parent, child, etc. or some other unfortunate circumstance that requires you to always have your phone on and out, please see me as soon as you can so that I may excuse you from the cell phone policy.

Important Dates, Winter 2018

Monday, Jan. 8 :: First day of Winter Quarter 2018.

Saturday, Jan. 20 :: Last day to add quarter-length classes. *Add date is enforced.*

Sunday, Jan. 21 :: Last day to drop for a full refund or credit (quarter-length classes). *Drop date is enforced.*

Sunday, Jan. 21 :: Last day to drop a class with no record of grade. *Drop date is enforced.*

Friday, Feb. 2 :: Last day to request pass/no pass grade. *Request date is enforced.*

Friday, March 2 :: Last day to drop with a "W." *Withdraw date is enforced.*

Final Exam Week: Monday, Mar. 26th – Friday, Mar.30th

No Class:

Monday, Jan. 15th (Dr. Martin Luther King's Birthday – see https://www.nobelprize.org/nobel_prizes/peace/laureates/1964/king-bio.html

Friday, Feb. 16th and Monday Feb. 19th (President's Day Weekend – see https://en.wikipedia.org/wiki/Washington%27s_Birthday)

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.