De Anza College-Math 1B-07-Calculus
SPRING 2016

Instructor: Gul Yayli - yayligul@fhda.edu

Class Meets: MTWRF between 12:30AM-13:20 PM

Room: G5

Office Hrs: M, T, W 13:30-14:30 (E37), or by appointment.

Class Website: • http://nebula2.deanza.edu/~gulyayli/
• The class syllabus, calendar, and other materials will be posted on the class web site.

Prerequisites: Math 1A– or an equivalent course.


Materials needed in class: • Graphing calculator:
  Recommended: TI-84, TI-84+, TI-83 or TI-83+ are strongly. TI89, TI92 or other calculators that do algebraic manipulation are not allowed.
  You can rent a TI-83+ for $10 per month from rentacalc.com.
• Small ruler and stapler

Official Course Outline: https://www.deanza.edu/publications/catalog/search/outlinepublic.html?searchID=MATH1B

Student Learning Outcomes:
• 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.

Evaluation and Grade Break Down:
<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>3 Class Tests</td>
<td>45% (15% each)</td>
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<tr>
<td>Scheduled, Pop &amp; Group Quizzes</td>
<td>15%</td>
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<td>Participation</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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A = 90-100%  B = 80-89%  C = 70-79%  D = 60-69%  F= below 60%

<table>
<thead>
<tr>
<th>Some important Dates:</th>
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<tbody>
<tr>
<td>Saturday, April 16th, 2016</td>
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<td>Sunday, April 17th, 2016</td>
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<tr>
<td>Monday, May 30th, 2016</td>
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<td>Friday, May 26th, 2016</td>
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**Homework:** Every section, that is being covered, has a homework.
- Homework is the selected exercises from the text book.
- It is your responsibility to make sure that you understand and can do all homework problems assigned.
- Homework will not be collected, unless your current quiz and participation average drops under 70% any time during the quarter.
- All your questions regarding the homework will be answered during our outside the class (office hours, or by appointment).
- Students are expected to do the assigned work as scheduled and to bring the completed homework to class.
- All the quizzes are going to be based on the homework so completing the homework in a punctual manner is very important.

**Quizzes:** There are six scheduled quizzes throughout the quarter as indicated on the course calendar.
- There will be no make-up quizzes.
- Missing a quiz will result in a score of zero.
- The lowest 1 of your quiz score will not be counted toward your grade.
- Quizzes are closed book.
- You must bring your calculator, ruler and small stapler.
- If English is a second language, an English translation dictionary.

**Exams:** 3 exams will be given.
- Make-up exams will not be given without receiving approval prior to the exam.
- Exams are closed book.
- You must bring your calculator, ruler and small stapler.
- If English is a second language, an English translation dictionary.

**Tentative Exam Dates:**

| Exam #1 Friday, April 22nd | Covers: Ch. 5 |
| Exam #2 Friday, May 20th  | Covers: Ch.6 & 7.1-7.5 |
| Exam #3 Friday, June 10th | Covers: 7.6-7.8, 8.1, 6.4, 8.3, 8.5 |

**Final Exam:** Wednesday, June 22nd, 2016 between 11:30 a.m.-1:30 p.m.
- Finals must be taken at scheduled time during finals week.
- You must bring your calculator, ruler and small stapler.
- If English is a second language, an English translation dictionary.
- If you miss the final exam, and do not contact me your final grade in the course will be an F.

**Dropping:**
- If you want to drop the class, do so according to the procedure listed in the schedule of classes. Failure to do so may result in a grade of F for the course.
- Make sure you pay attention to College dates like the last day to drop a course with No Record, the last day to request a P/NP for a course, and the last day to withdraw from a course.
- See the Schedule of Classes for these dates on DeAnza Website.

**Attendance:**
- Regular attendance at classes is required and is considered essential for successful academic work.
- Any student who has accumulated the equivalent of 4 absences will be dropped from the class. It is your responsibility to drop the class by the appropriate due date. You assume full responsibility for work missed because of absence. If you must miss a class, it is your responsibility to get notes from another student.
- Attendance will be taken at the beginning and end of each class meeting, and arriving to class more than 5 minutes after the class starts, or leaving the class more than 5 minutes before class ends will be counted as half absence .
- If you miss any class, you are expected to email me (Email etiquette).
- If you miss the first two weeks of the classes, you will be dropped to make room for the wait list students.
- Add codes will be given on the second-class meeting.

**Tutorial Help:**
There are two tutorial centers on the De Anza campus. S-43 provides tutoring for Math and Science and L-47 for everything else. Drop-in tutoring is always available. Individual tutoring is also available. You must complete a form, provided by the Tutorial Center, during the first couple weeks of the quarter to obtain one-on-one tutoring.

**Testing or other accommodations:**
If you have a learning or other disability that requires accommodation, please contact either the Educational Diagnostic Center (LCW-110, 408-864-8839) or Disability Student Services (SCS-141, 408-864-8753) to arrange for in-class and/or testing accommodations.

**Academic Integrity:**
Academic dishonesty will not be tolerated. If a student is found cheating and/or copying on any assignment, test or quiz or violating any other code of academic integrity, he or she will receive a 0 on the assignment and may be reported to the PSME Dean.
Cellphone Etiquette:  
- When you come to class, make sure that your cell phone is off, and inside your backpack/purse.
- Students who still are engaged with their cellphones (for any reason) or keeping their cellphones on their desks (for any reason) will be asked to leave the classroom.

Email Etiquette:  
I expect proper e-mails. As you move towards your professional life, it is important to have a professional approach to e-mails.

A proper email exchange:
- Email is sent from a respectable e-mail address with your name in it.
- Email includes class in subject line and name in text
- Send a response e-mail after you receive your answer.

Expectations and How to be successful in the course:  
I expect students to arrive to class by the start of class and stay the entire period. It is not appropriate to arrive late and/or leave early on a regular basis. If work, classes, or other events are creating such a conflict, please make other arrangements. I expect you to e-mail me if you will miss any classes (see Email etiquette)
- Do all the assigned homework, focusing more on the ones you struggle with.
- Please don’t wait until you are drowning to ask for help.
- Please stop by my office during my office hours, or make an appointment with me at a different time, or send me an email with your questions.
- Ask for help with anything you don’t completely understand, even if you got the right answer.
- De Anza College has several resources and accommodations for student success, get to know them and make use of the services, they are all for you.
- Have fun.
- Ask questions, asking questions is a crucial part of learning process.
- Pay attention.
- Stay focused.
- Get frustrated, and then unfrustrated.
- Discuss problems with your classmates, get into study groups.
- Spend at least 2 hours on your course per day, study on daily basis, don’t leave it all the last minute.
- Have more fun!
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<th>Thursday</th>
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<tr>
<td>Apr</td>
<td>Week#1</td>
<td>Introduction</td>
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<td>June</td>
<td>Week#12</td>
<td>Finals</td>
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5.2 1, 5, 9, 12, 17, 20, 23, 24, 26–28, 33, 41, 42  
5.3 5, 9, 12, 16, 21, 24, 27, 34, 37, 39, 68, 76, 78  
5.4 2, 5, 10, 12, 13, 15, 25, 28, 33, 38, 41, 43, 49, 53, 54, 60  
5.5 1, 3, 4, 7, 10, 13, 15, 18, 21, 27, 33, 36, 41, 45, 46, 48, 55, 59, 65, 68 |
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| **Ch.#6** | 6.1 1–4, 6, 9, 14, 17, 19, 21, 25, 28, 29, 31, 44  
6.2 1, 3, 4, 9, 10, 12, 15, 19, 22, 25, 48, 49, 54, 58, 61  
6.3 3, 5, 6, 10, 13, 15, 18, 21, 27, 29, 30, 37, 38, 45, 46  
6.5 1, 3, 5, 8, 14, 17 |
| **Ch.#7** | 7.1 1, 2, 3, 5, 7, 9, 10, 12, 17, 23, 26, 28, 33, 37, 42, 51  
7.2 1, 2, 4, 11, 13, 14, 19, 20, 30, 31, 41, 44, 61, 62, 63  
7.3 1, 2, 4, 5, 10, 11, 14, 17, 21, 23, 31a, 33, 35, 43  
7.4 1, 4, 5, 7, 10, 13, 15, 16, 18, 27, 29, 32, 39, 47, 48  
7.5 1, 5, 8, 13, 18, 19, 22, 24, 26, 31, 38, 41, 47, 49–52, 59, 65, 74  
7.6 1, 4, 5, 11, 14, 19, 22, 26, 33, 34, 7.7 7, 12, 19, 21abc, 30  
7.8 1, 2, 3, 5, 9, 14, 15, 18, 21, 27, 30, 35, 49, 50, 57, 58, 59 |
| **Ch.#8** | 8.1 1, 3, 5, 6, 9, 12, 15, 16, 19, 26, 34, 36  
6.4 1, 2, 4, 7, 8, 10, 13, 14, 16, 21, 24  
8.2 5, 6, 9, 10, 13, 19, 25, 26, 29ab, 30  
8.3 1, 3, 4, 5, 9, 12, 15, 25, 31, 37, 45  
8.5 1, 3, 7, 9, 10, 12, 13, 15, 17 9.1 1, 2, 3, 6 acd, 9, 12, 15 |
| **Ch.#9** | 9.2 1, 3–6, 11, 21, 24 a  
9.3 1, 5, 6, 9, 11, 14, 19, 21, 25 (don't graph), 39, 44  
9.4 1, 3, 4, 5, 7 |