Math 1B-06 – CRN #33074   Calculus II   Winter 2016

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Office Hours: Tues, Th 5:00-6:00 PM, or by appointment
Prerequisite: Grade of C or higher in Math 1A (Calculus I) or by placement test
Required Materials:
1) Textbook: Calculus, Early Transcendentals Second Edition, Briggs, Cochran & Gillett

2) Graphing Calculator: You are required to have a TI-83/84 graphing calculator for this class. If you already have a different type of graphing calculator, you are expected to know how to use it. Please be aware that the Foothill College Math Department does not allow students to use any calculators capable of symbolic calculus during examinations such as the TI-89 or TI-92. All demonstrations in the class will use either the TI-83 or TI-84.

Upon successful completion of the course:

Students will develop a conceptual understanding of integration of functions of a single variable. They will learn to demonstrate and communicate this understanding in a variety of ways, such as: reasoning with definitions and theorems, connecting concepts, and connecting multiple representations, as appropriate.

Students will demonstrate the ability to compute and approximate integrals of functions of a single variable.

Students will solve problems involving applications of integration of functions of a single variable.

Grading Policy:

1. Homework Sets: 5%
2. Quizzes (4): 20%
3. Mid Term Exam: 35%
4. Final Exam: 40%

Homework Sets: You will be given a set of HW problems due each week. You will also be assigned online homework.   For each problem, you will be graded on a 4 point rubric. You will be given 4 points for each problem that has sufficient work shown, is legible and is correct, 3 points if there is some minor error, 2 points if you show work but there is a lack of understanding on the concepts, 1 point if there was an attempt, 0 points if the problem was not attempted. You may also be given 0 or 1 point if there is only an answer without any work shown.

Quizzes: You will be given 4 quizzes during the quarter. The lowest quiz score will be dropped if it helps your grade.

Exams: There will be an in-class mid-term exam during the quarter, as well as a final. The exams will emphasize, but not be limited to the material covered in class, including proper mathematical notation and the readings from the textbook. The material covered in this class does assume that you have a very solid foundation in the prerequisite courses including algebra and knowledge of functions. No make up exams will be given, even if the absence is excused.

Final Exam: The final exam will be comprehensive and will take place on
    Tuesday, March 22nd 6:00 – 8:15 PM

If you cannot take the final exam at the scheduled time, please do not enroll in this class. I can not make accommodations for different final exam times.
Note: You must pass the final exam with a score of 55% or better to pass the class. I do not return final exams. If you request it, I will try to arrange a way for you to see the exam next quarter.

Approximate Guidelines for final letter grade (no curving or extra credit):

92 – 100%	A	78 - 79%	C+
90 - 91%	A-	70 - 77%	C
88 - 89%	B+	60 - 69%	D
82 - 88%	B	0 - 59%	F
80 - 81%	B-		

Grade Changes: Grade changes are made only for clerical errors. I will not change grades for any other reason.

Important Dates:

January 15th	Last day to add a class
January 18th	Last day to drop without a grade
January 29th	Last day to request pass/no pass grade
February 26	Last Day to withdraw from the class; a "W" will be noted on the transcript
March 22	Final Exam

Adding/Dropping: As per school policy, if a student is absent the first week of class, I am required to drop this student from the course. After the second week of class, students will <u>not</u> be automatically dropped for nonattendance. However, I reserve the right to drop students for nonattendance if a student is absent for more than three consecutive class periods. However, it is the student's responsibility to officially withdraw from this course. I suggest you pay strict attention to the drop dates listed in your student handbook, schedule of classes, and the Portal.

Academic Honesty: Studies have shown that working in groups can improve performance in math class, so I encourage you to form your own study groups. You must do your own work and take your own tests. Cheating on tests, copying someone else's work, having someone do your work for you, or letting someone copy your work are not allowed. If you are dishonest, you will be reported to the dean of student affair and other consequences may occur due to the severity of

the problem. Please review other consequences and definitions of cheating, plagiarism, and other academic dishonesty at http://www.foothill.edu/services/honor.php

Natural Disasters or Emergencies: Foothill has an emergency notification system (ENS) that will notify students about emergencies, including power outages, campus closures or other urgent situations via text message. Emergency messages will be sent via e-mail and to all phone numbers that you have signed up for the free ENS service. You can access your MyPortal.fhda.edu account to be certain that your contact information is complete and accurate. Your mobile phone carrier may assess charges for receiving text messages, and you are responsible for paying them.

Accommodations: To obtain disability-related accommodations, students must contact the Disability Resource Center (DRC) as early as possible in the quarter. To contact DRC, you may:
- Visit DRC in Room 5400
- Email DRC at adaptivelearningdrc@foothill.edu
- Call DRC at 650-949-7017 to make an appointment.

If you already have an accommodation notification from DRC, please contact me privately to discuss your needs.

Religious Holidays: If you observe a religious holiday during the quarter, please inform me by the second week of classes so that I can make any necessary adjustments to the calendar.

<u>How to Succeed In A Math Class:</u>

It takes time!!!! I can't stress enough the importance of setting aside time for this class. Mathematics is a difficult subject for many students. You can overcome this difficulty, but it requires time and commitment. Much of mathematics is incremental. That means if you fall behind, it will be very difficult to catch up. Last minute cramming will not help much. Instead, please put a little extra attention on this course early. If you have some weaknesses in your preparation for this class, attend to them immediately. Pay attention in class, takes notes and ask questions. Allocate an adequate amount of time to read the textbook and to do the homework.

If you work in groups, do not let the others do the work for you. Make sure that you understand anything you turn in. This is for your own benefit.

Come to every class period: Mathematics is a very demanding subject; thus, regular attendance is extremely important. Why? Because hopefully your teacher makes every idea crystal clear for you, makes every technique simple, passes on his passion and enthusiasm for mathematics and occasionally makes you laugh. You get to hear the vocabulary of mathematics and see how ideas and concepts are connected. You also learn from solving problems in class. And you get to meet some pretty cool classmates who can help you learn the material.

Needless to say, tardiness and leaving class early are not only disruptive to your learning, but also to others. So, out of respect for yourself, your classmates and me, please arrive to class on time. If you have to miss a class, it is YOUR RESPONSIBILITY to obtain notes and/or handouts

you may have missed. Lastly, I reserve the right to drop you if you are absent for 3 days in a row and do not contact me.

Sources of help:
• My office hours – these are times out of class that I set aside to meet with you and answer questions you may have concerning the material. Please take advantage of my office hours. In addition to my posted office hours, you may contact me by email and if necessary I will try to accommodate your schedule.

• E-mail – I am a big e-mail user. I check my e-mail many times daily. If you have specific questions (they should be detailed), I will try to get back to you quickly.

• Tutoring – available through STEM Center, located in rm. 4213.

• Your classmates – get to know them, exchange phone numbers and e-mail addresses, form study groups. This can make studying fun. You can get help on the material and support each other throughout the quarter.

Be a savvy student: This means come to class prepared. You should have paper, pencil, notebook, class handouts with you. Please turn off your cell phone during class! Don't text, twitter, instagram, facebook, read your e-mail, etc. during class. It's really hard to multitask especially when one of the tasks is to learn challenging material. Be an active participant in class. Most people learn best by doing, not just being a passive observer.

Maintain a positive attitude: Mathematics is challenging! We need to give ourselves a chance to learn and this won't always happen the first time you attempt something.

YOUR ENROLLMENT IN THIS COURSE SIGNIFIES YOUR AGREEMENT TO ADHERE TO THE RULES AND CONDITIONS OF THIS CLASS. Please read this and make sure you understand its contents fully, then put this sheet in a safe place where you can easily refer to it.