

**Math 2414.51                      Calculus II                      Brazosport College**  
**Instructor: Kevin O'Neill**  
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**Textbook:**

**Thomas' Calculus**, 12<sup>th</sup> Edition, by Finney, Weir, and Giordano.

**Calculator:**

TI-83/84 or TI-86 Graphing Calculator. Either one is fine. The TI-85 or TI-82 are a distant third. I will be demonstrating methods using a TI-83, your deviating from that should be a function of your confidence with your calculator. You may not use a TI 89, 92 or any model that allows symbolic manipulation or has a built in CAS or equivalent system during a test. I may require you to purge the memory of your calculator before a test, so if you have a program you don't want to lose you should back it up off the calculator. If you want to use a Casio, HP, or other oddball calculator in this class, for example because it is required in future engineering classes at another school, please check with me first, and please bring the manual for your calculator with you when you do. I don't want to surprise you on the day of a test by telling you you can't use the calculator you're familiar with.

**Course Description**

Second semester Differential and Integral Calculus.

**Prerequisites:**

As stated in the catalog, the prerequisite is Math 2412. By this we mean that you should have taken a college level Calculus I class reasonably recently and passed it. If you're not sure you're in the right class please come see me as soon as possible.

**Grading**

The grade ranges are:	A: 90 -100%
	B: 80 – 89%
	C: 70 – 79%
	D: 60 - 69%
	F: Below 60%

My grading method is:	4 tests worth 15% each
	Final exam worth 20%
	A number of quizzes, which together are worth 20%

If you miss a test and do not have a verifiable excuse, you get a zero. With a verifiable excuse, I will either write you a make up test or, in some unusual cases,

allow your final grade to count as the missing test grade. Make up tests are usually somewhat harder than the original test was, since I used up all the “obvious” questions on the original test, and historically the average grade on make up tests is lower than the average grade on tests taken in class. It’s to your advantage to take the test with the rest of the class.

### **Attendance**

Attendance is taken each class day but is not part of your grade. If absences become excessive, I may drop you from this course. Then again, I may not. If you know you will be missing class for excused reasons, let me know by either phone or e-mail. If you need to drop this course, you have to do it, it’s not up to me to do so just because you stop coming to class. For your own sake, please do so by the official drop date, which is November 4.

Come to class. It’s very hard to pass a class like this if you don’t attend. Really.

### **Academic Honesty**

BC assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty including, but not limited to, cheating, plagiarism, and collusion shall be treated appropriately. Please refer to the BC Student Guide for more information, this is available online at <http://www.brazosport.edu>, click on the link found on the left side of the homepage.

### **Student Responsibilities**

Students are expected to fully participate in the course. The following criteria are intended to assist you in being successful in this course.

Time Management

Utilizing Online Components

Communicating with the instructor

Completing Course Work

### **Other Student Services Information**

This list is provided to assist students locate available services;

Information about the BC Library is available at

<http://www.brazosport.edu/~lib/Information.htm>

or by calling 230-3310.

Tutoring for Math, Reading, Writing, Biology, Chemistry, and other subjects is available in the LAC, 230-3253. To contact the Math Department call 230 3225.

The Student Services area provides the following services: Counseling and Advising, 230-3040;

Financial Aid 230-3294; and Student Activities 230-3355.

To reach the Information Technology dept. for technical assistance call the Helpdesk, 230-3266,.

**Come see me!**

Feel free to drop in to my office, even if you don't need help right then, or if you only have a small question. Or if you have a big question, or a lot of small questions, or a mix of big and small questions, or if you just want to say "Hi." My office hours are posted, but I'm often here even when it's not my official office hours.