

**COURSE:** Math 265B    Calculus II    Spring 2020  
Meeting days and times: Tues, Thurs 2:00 – 4:20 pm, Room 2602

CRN: 33625

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**PREREQUISITE:** Math 265A, Calculus with Analytic Geometry, with a C or better or the equivalent

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**COURSE DESCRIPTION AND OBJECTIVES:** Welcome to the second semester of calculus! This semester begins by building on what you already know about integration. We will study Chapters 6 to 12, which include applications of integration, techniques of integration, differential equations, infinite series, power series, parametric equations, and polar coordinates .

**STUDENT LEARNING OUTCOMES**

1. Evaluate integrals using methods such as substitution, parts, trigonometric substitution, tables, and partial fractions.
2. Use Riemann sums and integration to solve problems that apply to fields like geometry and physics.
3. Use algebraic, geometric and numeric techniques to analyze and solve differential equations.
4. Apply convergence tests to sequences and series.
5. Represent functions as power series.
6. Graph, differentiate, and integrate functions in polar and parametric form.

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**INSTRUCTOR:** Peggy Wright    **Instructor website:** [www.wrightmath.info](http://www.wrightmath.info).  
Course material (notes, test keys, etc.) will be posted on my website.

**Office:** Room 2708    **Phone:** 546 - 3100 ext. 2586    **email:** [pwright@cuesta.edu](mailto:pwright@cuesta.edu)  
**Stats Lab Hour (Room 3301):** Thurs 11:00 – 12:00    **Math Lab Hour (Room 3400):** Tues 11:00 – 12:00  
**Office Hours (Room 2708) :** Tues, Thurs, 1:30 – 2:00

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**REQUIRED COURSE MATERIALS:**

**Textbook:** We will be using the third edition of Calculus, Early Transcendentals by Briggs, et al. The homework will be given for both editions of the book (1<sup>st</sup> and 3<sup>rd</sup> editions), so you can use either edition for the course.

**1<sup>st</sup> Edition:** Briggs, Cochran, Gillette; Calculus for Scientists & Engineers: Early Transcendentals  
ISBN-10: 0321785371 , ISBN-13: 978-0321785374

**3<sup>rd</sup> Edition:** Briggs, Cochran, Gillette, Schultz; ; Calculus, Early Transcendentals, 3<sup>rd</sup> Edition.  
ISBN-13: 978-0134763644, ISBN-10: 0134763645

**Calculator:** You are required to have a scientific calculator for this course. You are not required to have a graphing calculator, but you will using graphing technology as part of the course. Graphing calculators will not be allowed on exams; only scientific calculators may be used.

**Electronics:** You may bring your phone, laptop, and/or tablet to class. Since texting, listening to music, etc., is distracting to you and other students, please use your electronics **ONLY** for accessing the internet when appropriate (I'll let you know).

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**GRADING:** Your percent score in the course will be determined out of 625 points.

Exams (4) = 400 points ,    Quizzes/Group Work = 100 points,    Final Exam (Cumulative) = 125 points

Your final grade will be based on your overall percentage score, with the following guaranteed minimum grades.

A: 90 – 100%    B: 80 – 89.99%    C: 70 – 79.99%    D: 55 – 69.99%    F: 54% or less

The final exam counts for 125 points total in the course (20%). In addition, the percent score on the final will replace the lowest test score (including a missed exam).    **Final exam day and time:**    Tuesday, May 19    12 – 2 pm

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**HOMEWORK:**

Problems from the text will be given on the course webpage. You should read the section, then do the assigned problems by the class meeting following the lecture on that topic. If you get stuck on a problem in the homework, you can ask about it at the beginning of the next class meeting, and time permitting, we will go over it. If you get stuck on the entire assignment or even several of the problems, then you should get help outside of class before the next class meeting.

**Homework will be not be collected** but there will be quizzes based on the homework and, of course, the exams will be based on problems similar to those in the homework.

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## QUIZZES:

We will have both team and individual quizzes throughout the course. Each quiz will be worth 10 points unless otherwise specified. The lowest score will be dropped.

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## POLICY ON LATE WORK and MAKE-UPS:

No make-up exams will be given, except in the case of a genuine emergency, in which case you must contact me **on the day of the test or before**. Remember that the final exam percent score will replace your lowest test score, including a missed exam, so don't panic if you have to miss an exam for any reason.

You must be in class in order to take a quiz, unless the quiz is a take-home, so plan to be in class every day we meet. Please do not ask to take quizzes early, outside of class.

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**CLASSROOM CONDUCT/ACADEMIC HONESTY:** One word sums it up: Respect. Be respectful to and insist on being respected by anyone and everyone in class. Keep your comments positive, come to class on time, don't wander in and out of class, ESPECIALLY don't leave early unless you've cleared it with me beforehand, use your smart phone for class activities only not for personal business, leave your earbuds in your backpack or pocket, etc.

**Policy On Cheating:** Again, have respect, this time for yourself. Don't sell your integrity for a few points on an exam, quiz, or assignment. Consequences for cheating can range from receiving no credit on the assignment/quiz/exam in question to having an annotation put on your transcript labeling you as academically dishonest, to outright dismissal from the college, so please don't jeopardize your academic career by a moment's indiscretion.

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**ATTENDANCE/DROP POLICY:** Plan on coming to class every day on the schedule...I'll make it worth your time! I've had students who were doing well, started missing class, then just drifted away and either did much more poorly than they could have or just gave up as the material piled up and became an insurmountable obstacle to them. Because of this, **attendance is actually mandatory** (this isn't a Distance Learning, online course), and, trust me, regular attendance will keep you motivated and on top of the material.

If you have more than 2 absences during the semester, you may be dropped--please send me an email if you must be absent for any reason. Be sure to get at least one other student's phone number so you can contact that person in the event that you miss class and need info about what went on. **You are responsible for anything covered in class** (such as changes in test dates, worksheets distributed in class, additional homework assignments, etc.).

Finally, it is the student's responsibility to drop a class he/she is no longer attending.

*Last day to drop without a "W": 2/2/2020; Last day to drop with a "W": 4/19/2020*

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**HELP!** There are many resources available to help you to be successful in this class, such as...

**Office hours:** Please come to see me during Math Lab, Stats Lab (Room 3301), and Office Hours for assistance with anything you're having difficulty with (homework problems, a concept you're not understanding, test-taking strategies, etc.)

**Math Lab, Room 3400:** Go to the Student Success Center Math Help webpage to find out the schedule for who is tutoring when. <https://www.cuesta.edu/student/resources/ssc/mathHelp.html> You're welcome to go to the Math Lab whether there are tutors available or not. **Hours:** Monday-Thursdays from 8:00 am to 6:00 pm; Fridays from 9:00 am to 1:00 pm

## Tutors:

**One-on-one:** Tutors (free) are available in the Academic Success Center for one-on-one or group tutoring. Sign up early!

**Private tutors:** The tutoring center also keeps a list of private tutors for hire.

**Study Groups:** Form a study group early and get together regularly! You can message other students on Canvas (or the entire class) to look for study partners or just tap your group-work partners in class.

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**STUDENTS WITH DISABILITIES** If you have a learning or physical disability and might need accommodations in this class, please contact *Disabled Student Program & Services* in Building 3300 as soon as possible to ensure that you receive the accommodations as soon as possible. I encourage you to come talk to me about any questions, concerns, or needs that you have....I'd like to help!

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