

# SYLLABUS

## MATH 161A-F5 Calculus II

Fall II 2020

|                        |
|------------------------|
| INSTRUCTOR INFORMATION |
|------------------------|

Instructor: Andrew Incognito, Ph.D  
Office: SCI 207C  
Telephone: 843-349-2513  
Email: [aincogni@coastal.edu](mailto:aincogni@coastal.edu)  
Office Hours: MWF 11:00-12:00 and 2:00-3:00 *and by appointment*  
Course webpage: [ww2.coastal.edu/aincogni](http://ww2.coastal.edu/aincogni)

|                    |
|--------------------|
| COURSE DESCRIPTION |
|--------------------|

Textbooks: *Calculus II* by Andrew Incognito: <https://ximera.osu.edu/math>, and  
*Calculus Volume 2* by OpenStax:  
<https://openstax.org/details/books/calculus-volume-2>

Prerequisite: Math 160 with a minimum grade of 'C' or equivalent

Course Objectives: Applications of integration, techniques of integration

**Student Learning Outcomes:** By the end of the semester, the successful student in Math 161A will have obtained facility in solving a variety of problems involving integrals. More specifically, students will be able to:

1. Use definite integrals in applications;
2. Evaluate integrals using a variety of techniques;
3. Set up and solve integrals arising from geometrical problems;

**Calculator Policy:** While a graphing calculator is not required for this course, you may find one to be useful. We recommend a TI-83 or TI-84. You are not allowed to use a TI-89 calculator or higher. During exams, mobile phones and other electronic devices are not acceptable substitutes for calculators; as such, it will not be allowed.

## ASSESSMENTS

**Tests:** We will have a 50-minute midterm exam and a cumulative 120-minute final exam as described below. The exams will be conducted online using the Respondus LockDown browser and web cam.

| Exam     | Tentative Date        | Sections                        |
|----------|-----------------------|---------------------------------|
| Midterm  | Wednesday, November 4 | 0.2, 0.3, 1.1, 1.3, 1.4 and 2.1 |
| Final I  | Thursday, December 3  | 1.1, 1.3, 1.4 and 2.1-2.5       |
| Final II | Friday, December 4    | 1.1, 1.3, 1.4 and 2.1-2.5       |

**Homework:** Homework problems will be collected on a weekly basis. Homework assignments will consist of all of the problems from the indicated sections of our textbook. Homework solutions should include all relevant details. Use the examples proceeding the problems as a guide for writing your homework solutions.

## GRADING

**Grade Guidelines:** Homework 20%, Midterm Exam 30%, Final Exam 50%

**Grade Scale:** A: 90–100      B+: 86–89      B: 80–85      C+: 76–79  
C: 70–75      D+: 66–69      D: 60–65      F: below 60

## MISCELLANEOUS INFORMATION

**Important Dates:**

Wednesday, November 11      Last day to drop a course with a grade of “W”  
November 23-27      Thanksgiving Break

**Attendance Policy:** Students are obligated to attend class regularly. Absences, excused or not, do not absolve a student from the responsibility of completing all assigned work promptly. It will be the responsibility of the student to contact the instructor and make arrangements at the convenience of the instructor.

More info here: <https://www.coastal.edu/policies/pdf/stud-332-may2020.pdf>

**Students with Disabilities:** Coastal Carolina University is committed to equitable access and inclusion of individuals with disabilities in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. Individuals seeking reasonable accommodations should contact Accessibility & Disability Services (843-349-2503 or <https://www.coastal.edu/disabilityservices/>).

**Academic Coaching:** Academic Coaching Experience Department Academic Coaches help students develop and refine big picture academic skills like time management, note taking, studying, and test-taking. Academic coaching can help you with your math course by helping you sort all the information and create an action plan for an upcoming exam. They can discuss study strategies to help you better understand and remember course content. They can also help you prepare for meetings with tutors or instructors so you can better explain your questions about the material or your academic performance. Finally, you can also talk to an Academic Coach about anything going on in your life, and they can suggest other campus resources that may be able to help. You can make an appointment with an Academic Coach by calling 843-349-4001 or stopping in to Kearns 107A. You can also find them on Instagram: @ccuacademiccoaching, where they offer study tips and publicize special events like review sessions or workshops.

**Academic Integrity Statement:** Students will be expected to understand and abide by the Coastal Carolina University Code of Student Conduct. Any instances of academic dishonesty will be handled in accordance with the procedures outlined in the Code of Student Conduct, and may result in penalties up to and including failure of the course with a grade of “FX”. The Coastal Carolina University Code of Student Conduct, which is available online via the CCU website, gives examples of plagiarism and cheating. Make sure you review this document to understand what constitutes academic misconduct.