

**Instructor:** Eduardo Cabral Balreira

Office Hours - M 3PM-5PM, T 4PM-5PM, R 3PM-5PM or by appointment.

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Web page - We will use T-Learn

**Textbook:** “Calculus - Early Transcendentals” by J. Stewart, 8th Edition - Get WebAssign code and eBook is fine for this course.

**Time and Place:** Section-1: MWF 9:30AM–10:20AM in MMH 130  
Section-2: MWF 10:30AM–11:20AM in MMH 130

**Objectives:** We will learn how to represent and solve a problem in a framework involving mathematics, statistics, computation, or symbolic logic. Students will be required effectively communicate their results in the exams and homework problems. We will describe the significance and limitations of the quantitative approach.

During the semester, we will cover chapters 6, 7, 9, 11, and 12 of the textbook. Our core topics will include techniques of integration, introduction to differential equations, series and sequences, Taylor’s theorem, and an introduction to vectors and matrices. Additional topics deemed as necessary by the instructor may be added.

**Schedule:**

	Date	Day of the Week	Time	Room	Points
Exam 1	Sep. 25th	Friday	in-class	MMH 130	100
Exam 2	Oct. 23rd	Friday	in-class	MMH 130	100
Exam 3	Nov. 23rd	Monday	in-class	MMH 130	100
Final	Dec. 13th	Saturday	3:30 PM–6:30 PM	TBA	200
Homework	Collected every lecture				150
<b>Total Points:</b>					<b>650</b>

Cutoffs for major grades (A, B, C, D, F) will be assigned for each exam and announced in class. Your Final grade will be assigned on the basis of your total score out of 650.

**Exams:** You will receive **zero points** for a missed exam. In case of an excused absence (e.g., a documented illness or a sanctioned University activity), the instructor may approve a replacement for an in-class exam. You are responsible to provide me with appropriate written documentation for approval ASAP (preferably before the exam). The final exam will be given only at the scheduled time, please observe the date and make plans for any travel accordingly.

**Homework assignments:** Homework is a vital part of the class, not only to show that you have mastered the concepts learned in class, but also to long-term memory retention and establish real life problem solving techniques.

Homework problems will be assigned shortly after every lecture and they will be posted online. Problems will be assigned in a combination of online problems from WebAssign and from the Textbook which are to be turned in on paper. Homework that is to be turned in on paper must be done on one side of an 8.5” × 11” sheet of paper, and all homework assignments with multiple pages must be stapled together with the student’s name on each page. Problems which are not

written up clearly and neatly or failed to follow the guideline stated will receive no credit. Paper problems are **due at the beginning of each lecture**. The three lowest homework scores will be dropped, which means absolutely **no late homework** will be accepted. Also, you will receive **no credit** for just copying the answers from the back of the book with **no explanations**.

You are authorized, and encouraged, to collaborate on homework, but please submit your own work on your own paper. Remember that the purpose of collaboration is to help you learn the material, not to allow you to copy someone else work.

### **WebAssign:**

Please go to T-Learn to find your class key and Follow the instructions in the “Student Quick Start Guide” to enroll in this course and purchase an access code. It is very important that you register using the correct class key, failure to do so will result in missed grades. The instructor reserves the right to give you zero credits for those problems.

WebAssign problems are only available in a certain window of time, hence **no late homework will be accepted**. In addition, you will have to type answers in an acceptable format, please follow online tutorials and watch interactive animations if you need help or contact your instructor.

**Class Attendance:** You are expected to attend every class. Excessive absences will result in dismissal from the class.

**Getting Help:** I am available to meet with you during my regular office hours or you may schedule an appointment if necessary. You are also welcome to drop in at any time, but please understand that I may not be there or have other scheduled meetings if you have not made an appointment. You can also email me with questions, but I may not reply during the evening.

**Electronic devices:** You may use a calculator to assist you to solve your homework problems, if needed. Please make sure that **cell phones** and pagers are **turned off or silenced** during class.

**Academic Honor Code:** All students are covered by a policy that prohibits dishonesty in academic work. Under the Honor Code, a faculty member will (or a student may) report an alleged violation to the Academic Honor Council. It is the task of the Council to investigate, adjudicate, and assign a punishment within certain guidelines if a violation has been verified. Students who are under the Honor Code are required to pledge all written work that is submitted for a grade: “On my honor, I have neither given nor received any unauthorized assistance on this work” and their signature. The pledge may be abbreviated “pledged” with a signature.

The specifics of the Honor Code, its underlying philosophy, and the norms for sanctioning can all be found on the Academic Honor Council website, accessed through the Trinity Homepage.

[http://www.trinity.edu/departments/academic\\_affairs/honor\\_code/](http://www.trinity.edu/departments/academic_affairs/honor_code/)

**Disability Services for Students:** If you have a documented disability and will need accommodations in this class please register with DSS by contacting the office at x-7411. Please speak with me privately early in the semester so I may be prepared to meet your needs. Remember that you must be registered with DSS before I can provide accommodations.