

Professor:	Dr. Taylor Martin	Time:	MW 9-9:50 TR 9:30 - 10:50
Office:	Lee Drain 411	Classroom:	Lee Drain 400
Email:	taylor.martin@shsu.edu	Office Hours:	TBA and by appointment.

Class Webpage: We will be using Blackboard.

Text: Larson & Edwards: *Calculus, Early Transcendental Functions: 6th Edition* ISBN 1-285-77478-7.

Course Objectives: This course aims to prepare students for Calculus II. Additionally, the course is intended to introduce students to conceptual abstract thinking in preparation for collegiate level, problem based coursework.

Grading: Course grades will be determined using the following guidelines: There will be two midterm in-class exams, each worth 17.5% of the final grade. There will be one quiz worth 10% of the grade. There will be one comprehensive final exam worth 25%. Homework will be comprised of two parts: group homework worth 15% and individual homework 10% of the final grade. Lastly, class participation will count for 5%.

Computational Homework: Computational assignments will be given each week. Students should keep a handwritten notebook of their work on assigned problems with each problem given a new page. These will be checked periodically for completion.

Group Homework: In mathematics, as well as in many technical fields, the ability to work collaboratively is crucial to success. Students tend to learn far more from working with their peers than from listening to a lecture. To this end, students will work in groups of 4 to complete weekly group homework assignments. Group homework will generally be assigned on Thursdays and due the following Thursday. We will typically devote the class meeting on Thursday to working on group assignments; students will then be responsible for finishing the assignment outside of class time. More detail of group homework will be given on the first group homework day.

Exams: There will be two in-class midterm exams. The tentative dates for the midterms are Tuesday, October 3 and Tuesday, November 6. There will be one cumulative final exam given according to the final exam schedule set by the University. No books, notes, calculators, or any other aids will be permitted on exams.

Quiz: There will be one in-class short quiz on derivative techniques. The tentative date for the quiz is October 23. Any student who earns at least an 80% on the quiz on the first try will earn one bonus point on your final semester average. Any student who fails to earn an 80% on the quiz on the first try will be required to retake the quiz weekly until he/she passes with at least an 80%. Each student will have up to three retake attempts to pass the benchmark of 80%. Any student who does not retake the quiz weekly or does not meet the required 80% in three attempts will receive no credit for the quiz. Once a student has met at least an 80% success rate on a retake will score an 80% for the quiz component. Retakes will occur outside of class time.

Participation: Students will be expected to participate in class discussion and group activities. Participation points will be lost if a student is noticeably absent or tardy, if a student does not contribute to in-class activities or group assignments, or if a student is routinely distracted by cell phones or other technology in class.

Expectations: I expect students to attend every class and to arrive on time. Students will be responsible for all material and announcements given in class. Moreover, I expect all students to participate in class as a part of their final course grades. Students are expected to abide by the University policy on Academic Honesty.

Technology: Due to the format of this class, the use of laptops for note-taking is not necessary. Unless otherwise instructed, students are not to have laptops or tablets out during class. The use of cell phones for texting, messaging, or social media will not be tolerated. Calculators, including graphing calculators, are permitted for use during class; however, these aid will not be available on exams, so students are encouraged to refrain from using calculators as much as possible. Depending on availability, students may borrow graphing calculators for the semester from the math department office.

Disability Support: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All such discussions will remain confidential. Additionally, these students are required to visit the Office of Services for Students with Disabilities located in the Counseling Center to obtain the proper documentation for any accommodations.

Religious Holy Days: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

Visitors: Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.
