MATH 2413-03E Calculus I
COURSE SYLLABUS: Fall 2025
MTWRF 11:00-11:50am BIN326

INSTRUCTOR INFORMATION

Instructor: Dr. R. Cavender Campbell   Office Location: EDN 105

University Email Address: robert.campbell@etamu.edu   Math Office Phone: 903-886-5157

Office Hours: MTWRF 9:00-9:50am (in BIN 303 or nearby)

MW 1:00-2:30pm (in EDN 105), or by appointment (Zoom available)

Preferred Form of Communication**: Email**

Communication Response Time: Same or Next Business Day

COURSE INFORMATION

Textbook

Stewart, J. (2021). Calculus (9th Edition). Boston: Cengage Learning. (Chapters 1-6)
ISBN: 9781337624183

Course Description

MATH 2413 – Calculus I – Hours: 4
Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative; optimization; the chain rule; mean value theorem; rate of change problems; curve sketching; definite and indefinite integration functions, with an application to calculation of areas. Prerequisites: MATH 2312 Pre-Calculus with grade of "C" or higher.

Student Learning Outcomes

1. Students will demonstrate proficiency in the use of mathematics to structure their understanding of and investigate questions in the world around them.
2. Students will demonstrate proficiency in treating mathematical content at an appropriate level.
3. Students will demonstrate competence in the use of numerical, graphical, and algebraic representations.
4. Students will demonstrate the ability to interpret data, analyze graphical information, and communicate solutions in written and oral form.
5. Students will demonstrate proficiency in the use of mathematics to formulate and solve problems.
6. Students will demonstrate proficiency in using technology such as handheld calculators and computers to support their use of mathematics.

The *syllabus/schedule are subject to change.*

Student Assessment Outcomes

1. Critical Thinking: The above learning objectives will be assessed for critical thinking in labs and other classroom activities.
2. Written, Oral, & Visual Communication: Students will be assessed on written, oral, and visual communication skills on their quizzes, exams, labs, and lab jigsaw activities.
3. Empirical and quantitative reasoning: All assessments in this course will contain a quantitative reasoning and empirical computation component.

Course Learning Outcomes

1. Understand the meaning of limit, continuity and derivative.
2. Learn methods and techniques to find derivatives.
3. Apply differentiation techniques to solve applications using related rates and optimization.
4. Use first and second derivative tests to graph a function.
5. Learn basic integration techniques.
6. Evaluate Riemann sums and define area under a curve.
7. Learn the fundamental theorem of calculus.

COURSE REQUIREMENTS

A graphing calculator (e.g.,TI-84) is highly recommended. A computer algebra system (e.g. Mathematica) is useful but not required for this course.

Students should complete assignments by the due dates and clearly communicate any mathematical ideas necessary to demonstrate understanding of the topics. Instruction will include lectures and demonstrations along with group assignments and discovery style activities. It is critical that you sign up for WebAssign to complete homework for the course. WebAssign access includes an eTextbook that can be used instead of the physical textbook. Students should attend all class meetings and communicate with the instructor should difficulty with the material arise.

Daily attendance is expected and will be tracked by the instructor. The student is responsible for ensuring they are counted present for the day by arriving punctually to the start of class. After 10 absences (or equivalent lost time due to tardiness), 2 points will be deducted from the homework and formative assessment points for each absence.

GRADING

Final grades in this course will be based on a total points system:

A: 970 – 870   B: 869 – 770   C: 769 – 670   D: 669 – 570   F: 569 – 0

The instructor reserves the right to reward students for continuous hard work.

The grade will be composed of:

WebAssign – 200 points

Homework & Other Assessments – 30 points

Lab Assignments – 8 worth 10 points each = 80 points

Quizzes – 10 worth 10 points each = 100 points

Tests – 4 worth 75 points each and 1 worth 60 points = 360 points

Final Exam – 200 points

The syllabus/schedule are subject to change.

Assessments

Homework (WebAsssign): Homework assignments will be for practice and an opportunity to demonstrate understanding of the material. All homework will be done through the WebAssign online platform. This can be accessed through D2L or webassign.net, but your initial signup must be done by clicking on the link in D2L. I encourage you to discuss homework assignments with your classmates and the instructor, but all work that you turn in must be your own. Any work violating the university's guidelines for academic honesty (e.g. plagiarism, cheating, copying, etc.) will receive a grade of zero. Planned due dates are listed in the calendar section of the syllabus. Any changes will be announced with a minimum one week notice. Further information about signing up for WebAssign will be distributed on the 1st day of class. WebAssign homework will count 200 points in the final grade.

Lab Assignments & Other Assessments: There will be additional formative assignments given during the semester. Lab assignments will be completed with group collaboration. Planned dates for lab assignments are included in the course schedule as a guide but may change based on class pacing. The assignments will provide greater depth for certain concepts and techniques in Algebra and Calculus. Individual assignments may also be included to help the instructor determine the direction of further instruction. These assignments will count 110 points in the final grade.

Quizzes: There will be 10 quizzes worth 10 points each. Quizzes and tests will have similar problem types, but the shorter format will allow the professor to see the students' progress on individual concepts. Quizzes will be open notes and occur during class time.

Tests: There will be four tests each worth 75 points each and one test worth 60 points. Each test is completed during one class period. The Final Exam is worth 200 points at the time specified in the University Final Exam schedule. Each test combines material from several sections in the textbook. The Final Exam will be comprehensive of the entire semester. The exams will have objective, short answer, and free response style questions. Tests will take place during class time as shown in the course schedule or at the assigned time on the University Final Exam schedule.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

WebAssign Information: webassign.net

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ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu**.**

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Please use email or visit the instructor during office hours. The instructor will make every effort to respond by the next business day at the latest. You can also visit with the instructor before or after class, but meetings during this time may be cut short to help all students.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here: https://community.brightspace.com/support/s/contactsupport

COURSE POLICIES

Missed tests will not be made up after the grades have been returned to the class, but documented absences will be accommodated through other means agreed upon with the instructor. Tests may be taken early if an approved absence is expected. A time should be arranged with the instructor before the test is missed. Issues that occur the day of will be accounted for if communication is timely. Prompt arrival at test time will maximize available time and improve performance.

A missed quiz can be made up during the professor's office hours until the next quiz or test. Should a documented need arise due to multiple absences it will be considered on a case-by-case basis.

Personal electronic devices and laptops will not be allowed during exams or quizzes. Causing a distraction or creating a barrier to learning for other students will be grounds for banning of device use, but typically devices will be allowed during classes.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

The *syllabus/schedule are subject to change.*

University Specific Procedures

Public Health Policy

Students should not attend class or on campus gatherings when ill or after exposure to anyone with a communicable illness. Communicate such instances directly with your instructor. Faculty will work to support the student getting access to missed content or completing missed assignments. Though the instructor will plan an initial method of attendance (in-person), changes may be necessary as the semester progresses.

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.etamu.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).
http://www.etamu.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

East Texas A&M Attendance

For more information about the attendance policy please visit the Attendance webpages.
http://www.etamu.edu/admissions/registrar/generalInformation/attendance.aspx
http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf
As mentioned in course requirements, after 10 absences (or equivalent lost time due to tardiness), 2 points will be deducted for each absence.

Academic Integrity

Students at East Texas A&M are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see procedure 13.99.99.R0.
http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

Artificial Intelligence

East Texas A&M acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

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Nondiscrimination Notice

East Texas A&M will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Counseling Services

The Counseling Center at East Texas A&M, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.etamu.edu/counsel.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the Carrying Concealed Handguns On Campus

document and/or consult your event organizer.

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
East Texas A&M University
Gee Library- Room 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu

Website: Office of Student Disability Resources and Services

http://www.etamu.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

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COURSE OUTLINE / CALENDAR

Week	Sections	Homework	Quizzes and Labs	Tests and Holidays
8/25	1.1, 1.2, 1.3, & 1.4	8/31 Syllabus, 1.1, 1.2	8/29 Quiz 1	
9/1	1.5, 1.6, & 1.7	9/7 1.3, 1.4, 1.5	9/5 Quiz 2	**9/1 Labor Day**
9/8	1.8 & 2.1	9/14 1.6, 1.7, 1.8	9/8 Lab 1	**9/12 Test 1**
9/15	2.2 & 2.3	9/21 2.1, 2.2	9/18 Quiz 3 9/19 Lab 2	
9/22	2.4, 2.5, & 2.6	9/28 2.3, 2.4, 2.5	9/25 Quiz 4 9/26 Lab 3	
9/29	2.7 & 2.8	10/5 2.6, 2.7		**10/2 Test 2**
10/6	2.9, 3.1, & 3.2	10/12 2.8, 2.9, 3.1	10/9 Quiz 5 10/10 Lab 4	
10/13	3.3, 3.4, & 3.5	10/19 3.2, 3.3, 3.5	10/16 Quiz 6 10/17 Lab 5	
10/20	3.6, 3.7, & 3.8	10/26 3.6, 3.7		**10/23 Test 3**
10/27	3.9, 4.1, & 4.2	11/2 3.8, 3.9, 4.1	10/30 Quiz 7	
11/3	4.3 & 4.4	11/9 4.2, 4.3, 4.4	11/3 Lab 6 11/6 Quiz 8	
11/10	4.5 & 5.1	11/16 4.5, 5.1	11/7 Lab 7	**11/12 Test 4**
11/17	6.1, 6.2, 6.3, & 6.4	11/23 6.1, 6.2	11/20 Quiz 9	
11/24	Test 5	11/30 6.3		**11/25 Test 5**
12/1	6.5 & Final Review	4/29 6.1, 6.2	12/3 Lab 8 & Quiz 10	
	Final Exam – 10:30am – 12:30pm		**May 10 Final Exam**	

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MATH 2414 - Calculus I - Fall 2025
Course Calendar

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Aug 24	25	26	27	28 Syllabus	29 Quiz 1	30
31 1.1, 1.2	Sep 1 Labor Day	2	3	4	5 Quiz 2	6
7 1.3, 1.4, 1.5	8 Lab 1	9	10	11	12 **Test 1**	13
14 1.6, 1.7, 1.8	15	16	17	18 Quiz 3	19 Lab 2	20
21 2.1, 2.2	22	23	24	25 Quiz 4	26 Lab 3	27
28 2.3, 2.4, 2.5	29	30	Oct 1	2 **Test 2**	3	4
5 2.6, 2.7	6	7	8	9 Quiz 5	10 Lab 4	11
12 2.8, 2.9, 3.1	13	14	15	16 Quiz 6	17 Lab 5	18
19 3.2, 3.3, 3.5	20	21	22	23 **Test 3**	24	25
26 3.6, 3.7	27	28	29	30 Quiz 7	31	Nov 1
2 3.8, 3.9, 4.1	3 Lab 6	4	5	6 Quiz 8	7 Lab 7	8
9 4.2, 4.3, 4.4	10	11	12 **Test 4**	13	14	15
16 4.5, 5.1	17	18	19	20 Quiz 9	21	22
23 6.1, 6.2	24	25 **Test 5**	26 **Thanksgiving Holidays**	27	28	29
30 6.3	Dec 1	2	3 Lab 8, Quiz 10	4	5	6
7 6.5	8	9	10 - 10:30am **Final Exam**	11	12	13