

Eastern Connecticut State University
MAT 243-02, Calculus I with Technology, Fall 2010

Instructor: Christian Yankov

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Time and Place: M 1:00-2:50 pm, Goddard 100, WF 2:00-2:50 pm, Science 116.

Text: ANY ONE of the following 3 books will do:

Single Variable Calculus: Early Transcendentals, Volume 1, 6th edition by James Stewart, OR

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Calculus: Early Transcendentals, 6th edition by James Stewart. However, if you are planning to take only Calculus I, the cheapest option will be to buy the first book; if you are taking later also Calculus II, the cheapest will be the second one, while if you are taking in addition to Calculus II, also Calculus III, the best will be to buy the third book.

Calculator: An advanced graphics calculator **TI-89** is required for this course.

Office hours: M 12:00-1:00 pm, WF 12:00-2:00 pm.

Prerequisites: MAT 130 or placement at this level.

Course topics: Study of limits, continuity, differentiation and applications, anti-differentiation (time permitting).

Class format: Each class meeting will consist of a lecture and include related problem solving. We will also study the use of an advanced calculator in solving calculus problems.

Attendance: It is expected that you be there on time for each and every class. If for some reason you should miss a class, then it is your responsibility to find out from a friend what has been covered and assigned and make it up.

Homework: After each class you will get a homework assignment. It will not be collected and graded, but must be completed and should prepare you for the quizzes. I cannot stress enough the importance of doing the homework. It is a critical factor in building and reinforcing your knowledge, as well as helping you identify your weak points.

Entry Exam: Within the first 2 weeks of class you have to take a computer based entry exam for assessment purposes. It is intended to check your readiness for this class and to let me know what adjustments I have to make. It will be counted as a quiz toward your grade, **except** if you **do not take it** at all. Then your final grade for the class will go automatically down by one letter grade. More information about how to take this exam will be given in class.

Quizzes: Quite often at the beginning of class time there will be a short quiz. This should keep you alert and following the material carefully, closely and timely.

Exams: There will be two longer exams throughout the semester. Their dates will be announced at least a week in advance.

Final Exam: A cumulative final exam will take place on Mon, Dec 13, 2010, 12:30-2:30 pm.

Evaluation: The quizzes will account for 15% of your grade, the two longer exams will account for 25% each and the final exam will account for the remaining 35%.

Grades: The ranges for the grades are the following:

A-, A	90% and above
B-, B, B+	80% - 89%
C-, C, C+	70% - 79%
D, D+	60% - 69%

please, turn over

How to get help: You should come see me during my office hours, if you have difficulties with the subject matter. In addition, students are encouraged to use the support offered by the Mathematics Achievement Center (MAC) (which is part of the Academic Services Center (ASC)), located on the ground floor of the Library. For the schedules of MAC, please visit www.easternct.edu/mathematics/MAC_webpage.html, or call 465-0376. For further information check the ASC website at academicaffairs.easternct.edu/ASC-FAQs.html, or call 465-4272. Do not wait until the final exam to get help, if you need it.

Make-ups: There will be no make-ups for quizzes, since I will drop the lowest one (or, two). Make-ups for exams are strongly discouraged and might be allowed for truly exceptional reasons only, and with my prior permission.

Incident weather: For cancellation of classes due to bad weather follow the messages on the university weather hot line at (860) 465-4444, or 1-800-578-1449.

Students with disabilities: If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Office of AccessAbility Services at (860) 465-5573. To avoid any delay in the receipt of accommodations, you should contact the Office of AccessAbility Services as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Office of AccessAbility Services. Your cooperation is appreciated.

Disclaimer: The instructor reserves the right to make changes to this syllabus during the semester as necessary.