

Repetitio est mater studiorum
(Repetition Is the Mother of Learning)
Latin wisdom

Interest comes with success,
and success comes with hard work.
Professor Yaroslav Tagamlizki

Eastern Connecticut State University
MAT 420-01, Real Analysis I, Spring 2019

Instructor: Christian Yankov

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Time and Place: **MWF** 11:00-11:50 am, Science 116, and **W** 10:00-10:50 am, Science 231.

Text: *Analysis with an Introduction to Proof*, Fifth edition, Steven R. Lay.

Office hours: **M** 1:00-2:00 pm, **W and F** 9:00-10:00 am, and 1:00-2:00 pm.

Prerequisites: MAT 230, MAT 244, and MAT 315.

Course topics: A rigorous study of the real numbers system including the completeness axiom, limits, sequences, continuity, and uniform continuity. This course fulfills the University's requirement for an upper-division writing-intensive course.

Class format: Each class meeting will consist of a lecture and include related problem solving.

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 be collected and graded. I cannot stress enough the importance of doing the homework. In addition to being a substantial part of your grade, it is a critical factor in building and reinforcing your knowledge, as well as helping you identify your weak points. Homework should be written neatly on standard letter format paper on one side of the sheet only.

Portfolio: You must collect all your homework assignments in a binder, portfolio style. At the end of the semester you should have a complete set of these. This is a requirement to pass.

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 a midterm exam the date of which will be announced at least a week in advance.

Final Exam: There will be a cumulative final on **Fri, May 17, 2019, 11:00 am-1:00 pm.**

Evaluation: Your work in this course will be weighted roughly as follows. The quizzes will account for 20% of your grade, the homework will account for 25%, the midterm exam will account for 25% and the final exam will account for the remaining 30%.

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%

How to get help: You are encouraged to come see me during office hours, if you have difficulties with the subject matter.

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

please, turn over

Inclement 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, or visit the website <http://www.easternct.edu/easternalert/>

Eastern uses also the local radio and TV station broadcasts to announce cancellations. If you are subscribed to Eastern Alert, you should also be notified via that channel, as well.

Weather Closing Policy: In the event of a delayed opening of the University, any class that would have at least 45 minutes of meeting time remaining after the announced opening time will meet starting at the announced opening time. Any class meeting that would have fewer than 45 minutes of meeting time after the announced opening time will not meet. For example, if opening the campus is delayed until 10 a.m., classes running from 9:30-10:45 a.m. would meet from 10-10:45 a.m.

In the event of an early closing of the University, any class that would have at least 45 minutes of meeting time prior to the announced closing time will meet until the announced closing time. Any class meeting that would have fewer than 45 minutes of meeting time before the announced closing time will not meet. For example, if we were to close the University early at 3 p.m., classes running from 2-3:15 p.m. would meet from 2-3 p.m.

Students with disabilities: Eastern Connecticut State University is committed to following the requirements of the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. If you are a student with a disability (or think you may have a disability), and require adaptations or accommodations, or assistance evacuating a building in the case of an emergency, please contact the Office of AccessAbility Services (OAS) at 860-465-0189 to discuss your request further. Any student registered with the OAS should contact the instructor as soon as possible for assistance with classroom accommodations. Please note that accommodations are not retroactive, and must be communicated through a Letter of Accommodation which is drafted by the OAS.

Academic Misconduct: Students should read and understand Eastern's Academic Misconduct Policy, which can be found in the student handbook or at the following website:

<http://www.easternct.edu/academicmisconduct/>

All violations will be handled under the procedures established in this policy.

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