

Syllabus for Math 2335 sec. 51 (CRN: 12724) Spring 2016

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Office Hours: T & R 12pm–1:30pm and 5pm–6pm & by appointment

Course Home Page <http://facultyweb.kennesaw.edu/lritter/Ritter2335Sp16.php>

Course Description This is a three hour introductory course in numerical analysis. Topics to be covered include Taylor polynomials, error, root finding, interpolation, numerical integration and differentiation, and linear systems. We will meet for lecture twice weekly TR from 6:30–7:45pm in D237. Students are expected to attend all lectures and to keep up with course assignments. All assignments and announcements will be posted on the course page shown above. You should plan on visiting this page often (save it to favorites).

Prerequisites: Math 2202 (Calculus II)

Course Texts: *Elementary Numerical Analysis* Third Edition by Atkinson and Han ISBN 0471433373.

Calculator: For some exercises, a TI-89 or equivalent is recommended. (An 84/83 should suffice.)

Grading and Evaluation: Your course grade will be the weighted average of your score on two midterm exams, one final exam and a homework average. The grades will be weighted as follows:

Table 1: Grade Weights

Exam I	Exam II	Homework	Final
(R 2/18)	(R 4/14)	(Weekly)	(T 5/3)
25%	25%	25%	25%

A = 90%–100%, B = 80%–89%, C = 70%–79%, D = 60%–69%, F = 0%–59%

Homework: I will periodically assign problems on handouts. These will be posted on the class webpage <http://facultyweb.kennesaw.edu/lritter/Ritter2335Sp16.php>. This homework will be graded for content

(in part or in whole at my discretion). The two lowest homework grades will be dropped and the remaining averaged together to produce the semester homework grade.

Make-up Policy: Make-up exams will only be allowed for a university approved excuse in writing. Wherever possible, you should inform me prior to missing an exam. **Late homework will not be accepted under any circumstances.** The two lowest homework grades are dropped.

Enrollment Status and Withdrawal

Students who find that they cannot continue in college for the entire semester after being enrolled, because of illness or any other reason, need to complete an online form. To completely or partially withdraw from classes at KSU, a student must withdraw online at www.kennesaw.edu, under Owl Express, Student Services.

The date the withdrawal is submitted online will be considered the official KSU withdrawal date which will be used in the calculation of any tuition refund or refund to Federal student aid and/or HOPE scholarship programs. It is advisable to print the final page of the withdrawal for your records. Withdrawals submitted online prior to midnight on the last day to withdraw without academic penalty will receive a W grade. Withdrawals after midnight will receive a WF. Students who completely stop attending and completing assignments but do not officially withdraw may be assigned a grade of WF. Call the Registrars Office at 770-423-6200 during business hours if assistance is needed.

Students may, by means of the same online withdrawal and with the approval of the university Dean, withdraw from individual courses while retaining other courses on their schedules. This option may be exercised up until **March 2, 2016**.

This is the date to withdraw without academic penalty. Failure to withdraw by the date above will mean that the student has elected to receive the final grade(s) earned in the course(s). The only exception to those withdrawal regulations will be for those instances that involve unusual and fully documented circumstances.

Academic Integrity Every KSU student is responsible for upholding the provisions of the Statement of Student Rights and Responsibilities, as published in the Undergraduate and Graduate Catalogs. Section II of the Statement of Student Rights and Responsibilities addresses the University's policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to Uni-

versity materials, misrepresentation/falsification of University records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Incidents of alleged academic misconduct will be handled through the established procedures of the Department of Student Conduct and Academic Integrity (SCAI), which includes either an "informal" resolution by a faculty member, resulting in a grade adjustment, or a formal hearing procedure, which may subject a student to the Code of Conduct's minimal one semester suspension requirement.

Students with Disabilities I will attempt to accommodate all students with special needs to the best of my ability, but it is the responsibility of the student to make their needs known to me. Students with disabilities who believe they may need accommodations in this class are encouraged to contact the counselor working with disabilities at 678-915-7244 (Marietta) or 470-578-2666 (Kennesaw) as soon as possible to better assure that such accommodations are implemented in a timely fashion. (Additional contact information email: nsanabria@kennesaw.edu or kfahn1@kennesaw.edu and webpage: http://www.kennesaw.edu/stu_dev/dsss/welcome.html).

Cell Phone/Tablet/Laptop Policy All cell phones should remain off or silent during class. Laptops and tablets should be put away for the duration of class time. Exceptions may be considered for note taking purposes and emergencies. **At no time will still or video photography be allowed during class. Any student who must be repeatedly asked to stop texting or using an electronic device will be invited to leave the room.**

Copyright Notice Items distributed in this class whether physical or electronic are the intellectual property of the creator and/or copyright holder. No such items are to be used for commercial purposes without the express consent of the creator or copyright holder.

Important Dates:

Jan. 11, First Day of Classes	Jan. 18, MLK Jr. Day
Feb. 18, Exam 1	March 2, Last Day to Drop with a W
April 4–8, Spring Break	Apr. 14, Exam 2
May 2, Last Day of Class	May 3 (6–8pm), Final Exam