

Course Contract

MAA 4212: Real Analysis and Advanced Calculus II

Instructor: Dr. Kevin Knudson
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Time and Location: MWF6, LIT 217

Office Hours: M8, T4, F4

Text: *Advanced Calculus II*, by S. McCullough and V. Vatter, free pdf in Canvas

Course content: Analysis on metric spaces, compactness, continuity, sequences of functions, power series, linear algebra, and multivariable calculus on \mathbb{R}^n .

Grading: Homework will be assigned regularly and collected every other Friday, beginning January 20. The complete list of homework due dates is January 20; February 3, 17; March 3, 24 (March 17 is during Spring Break); April 7, 21. Each homework assignment will be worth 20 points.

There will be two exams: one on Wednesday, March 1, and one on Monday, April 24, each worth 30 points.

Grades will be assigned according to the following scale, where “Total” refers to the low end of the range.

Total	Grade
180	A
175	A-
170	B+
160	B
155	B-
150	C+
140	C
120	D
100	E

Tentative weekly schedule:

Chapter 1: two weeks
Chapter 2: two weeks
Chapter 3: two weeks
Chapter 4: two weeks
Chapter 5: two weeks
Chapter 6: two weeks
Chapter 7: three weeks

Class attendance, make-up policies, etc.: Requirements for class attendance and make-up exams, assignments, and other work in this course

are consistent with university policies. The university attendance policy may be found at <https://bit.ly/3SBvkoo>.

University policy on accommodating students with disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

University policy on academic conduct: UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: ”On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

Online course evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.