

∟etter Grade	Α	A-	B+	В	B-	C+	С	C-	D+	D
Score	100 – 93						63 – 59			48 - 40

Course policies:

- Closed-book policy: No use of calculators, or books will be allowed during any in-class tests/guizzes
- Policy related to make up exams or other work: There will be no opportunities to make up for work not submitted. However, if a student provides a legitimate excuse well in advance, scores will be prorated. Work due date should be turned in at the beginning of class on the stated due date. Late work will not be accepted. ed. Work with and will be deemed work not submitted.
- Policy on class attendance: Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.
- <u>University's honesty policy</u>: UF students are bound by The Honor Pledge which states, "We, the members of the University's for Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code¹. 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 (http://www.dso.ufl.edu/scor/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 or TAs in this class.
- For students with disabilities: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.
- Budgets evaluations of the course: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results.
- Disclaimer: I reserve the right to change the above policies if situations warrant.

Homework problems for Advanced Calculus II Spring 2016 Section 5.6: 2, 4, 7, 9, 10, 15, 19, 22, 25, 35, 41, 51, 52; Section 6.1: 3, 4, 6, 8, 10; Section 6.2: 1, 2, 5--8, 10, 11, 13, 14; Section 6.3: 2, 4, 8, 11, 13, 14; Section 6.4: 7, 10, 11, 13, 14, 18, 22; Section 6.5: 9, 10, 16, 17, 20, 24; Section 6.7: 1, 2, 3, 6, 11, 21, 22, 28, 29, 31; Section 7.1: 1--5, 9, 10, 14, 16, 18; Section 7.2: 1, 2, 5, 6, 9, 11, 13--15; Section 7.3: 1, 2, 4, 7, 9, 13, 16, 19; Section 7.4: 1, 2, 4, 5--8, 10, 11, 16, 20; Section 7.5: 1--7, 9--16, 19, 21, 23--28, 34, 36--38, 41; Section 8.1: 1, 2, 4, 5; Section 8.2: 1--5, 8; Section 8.3: 1, 5, 8--11; Section 8.4: 1, 2, 5, 6, 8, 11, 12, 15, 18, 21; Section 8.5: 2, 3, 6, 10, 13; Section 8.6: 1, 2, 4, 6, 7, 8, 11; Section 8.7: 1--9, 11--15, 17--19, 22, 23, 30, 31, 35, 36, 42--44; Section 9.1: 2, 4, 5, 7, 8; Section 9.2: 1--5; Section 9.3: 2, 5, 7--9, 11, 21, 23, 24, 27;

For the final exam, you will need to review the following Theorems/Lemmas (statements and proofs): 5.3.1, 5.3.3, 5.4.8, 6.1.5, 6.2.2, 6.2.4, 6.3.3, 6.3.10, 6.4.2, 6.4.4, 7.2.1, 7.2.10, 7.3.3, 7.4.2, 8.3.1, 8.3.5, 8.5.8; (statements only): 6.5.16, 6.5.17, 7.6.2, 7.6.10, 8.3.6, 8.3.7, 8.4.6, 8.4.11, 8.4.13, 8.4.14, 8.4.15; Definitions (with examples and counterexamples): Taylor's polynomial, Riemann integrable functions, Riemann integral, improper Riemann integral, absolute and conditional convergence of integrals/series, pointwise and uniform convergence of functional sequences/series, power series, radius and intenal of convergence, Taylor's series, dot product, cross product.

Homework problems for Advanced Calculus I Fall 2015

Section 1.3: 2, 3, 5; Section 1.4: 1, 2, 4, 5; Section 1.7: 1, 2, 3, 5, 11, 13--16; Section 1.9: 13--17, 28--29, 32--34;

Section 2.1: 2,3, 5, 7, 10, 12, 14--17, 19--21; Section 2.2: 3, 5, 8, 11, 15--17, 19, 21; Section 2.3: 2, 3, 5, 7, 10, 11, 14, 16; Section 2.4: 4--7, 9, 11, 13, 16, 17; Section 2.5: 2, 3, 5--7, 11, 13, 15, 17--19; Section 2.6: 2, 4, 5, 7, 9; Section 2.7: 1--4, 68, 12--19, 22, 27, 28, 30--32, 35, 39, 42, 43, 45, 48, 50;

Section 3.1: 4, 5, 7, 8, 10, 11, 15; Section 3.2: 1, 3, 8, 9, 13, 15; Section 3.3: 4, 5, 8, 9, 10, 12, 13, 15; Section 3.4: 1--7, 15, 17, 23, 24, 26, 41--43;

Section 4.1: 1, 2, 3, 5, 6, 9, 10; Section 4.3: 1, 3, 7, 13, 14, 17, 18; Section 4.4: 1, 2, 5, 10, 12, 13; Section 4.5: 1, 2, 6, 9, 10--13, 20, 23, 27, 32, 43, 44;

Section 5.1: 2, 3, 6, 7, 9--12, 15; Section 5.2: 1, 3, 6, 7, 12, 13; Section 5.3: 1, 2, 4, 6, 7, 9--11, 15, 17, 19, 21, 27, 29; Section 5.4: 2, 5, 8--10, 21--23, 27, 29, 30; Section 5.6: 2, 4, 7, 9, 10, 15, 19, 22, 25, 35, 41, 51, 52;

For the final exam (Chapters 1-5):

Theorems to know (with proof): Binomial theorem 1.3.7 Theorem 1.7.10 (sets Q and I are dense in R) Theorem 2.1.11 (convergent sequences are bounded) Theorem 2.2.6 (squeeze for sequences) Theorem 2.3.7 (ratio test) Theorem 2.4.4 (monotone sequences) Theorem 2.4.4 (monotone sequences) Theorem 2.5.4 (Bolzano-Weierstrass for sets) Theorem 2.6.4 (Bolzano-Weierstrass for sequences) Theorem 2.6.4 (Bolzano-Weierstrass for sequences) Theorem 4.3.5 (extreme value) Theorem 4.3.6 (Intermediate value) Theorem 4.4.6 (continuous on closed bdd set=> unif. continuous) Theorem 5.3.1 (Rolle's theorem) Theorem 5.3.3 (Lagrange's Mean Value theorem)

UF

Definitions: Limit of a sequence Inf/Sup/Min/Max of a set Accumulation point Limit of a function Sided limits Limits at infinity Infinite limits Continuity Uniform continuity Derivative of a function

WebMail
elsamina
ISIS
M/UFL
Campus Map
News
Calendar
Directory
Web Site Listina
Aek UF

Disability Sarvices
Privacy Policy
Regulations
Neixe a Gift
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
@
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#</t

