Course Calendar, Math 131A-1 Analysis, Spring 2013

Burt Totaro

MWF 10 - 10:50 in MS 5137
Text: *Elementary Analysis: The Theory of Calculus* by Kenneth A. Ross

Day	Month	Date	Section of book
M	Apr	1	1. Induction and rational numbers.
W	Apr	3	2
F	Apr	5	3. Real numbers, least upper bound axiom, $\pm\infty$.
M	Apr	8	4
W	Apr	10	5
F	Apr	12	7. Limits of sequences, limit theorems.
M	Apr	15	8
W	Apr	17	9
F	Apr	19	10/Catch up/Review. Monotone sequences, Cauchy sequences.
M	Apr	22	Midterm 1
W	Apr	24	10, 11. Subsequences, Bolzano-Weierstrass, lim sup and lim inf.
F	Apr	26	11, 12
M	Apr	29	14. Convergence tests, continuous functions.
W	May	1	14, 15
F	May	3	17
M	May	6	18. Limit theorems, uniform continuity.
W	May	8	19
F	May	10	20
M	May	13	20, 28. Derivative, mean value theorem.
W	May	15	28/Catch up/Review
F	May	17	Midterm 2
M	May	20	29
W	May	22	31. Taylor's theorem, Riemann integral.
F	May	24	31, 32
M	May	27	Memorial Day: no class
W	May	29	32, 33
F	May	31	33
M	June	3	34. Fundamental theorem of calculus.
W	June	5	Catch up/Review
F	June	7	Review (last day of class)
Tu	June	11	Final Exam: 8 AM - 11 AM

The dates listed for sections of the book are only approximate.