

MATH 2300: Analytic Geometry and Calculus 2, Fall 2005
Daily outline of the course

Day	Sections in text	Topics
11/14	10.9	Power series computations.
11/16	10.9	More power series computations.
11/18	8.1	Introduction to differential equations.
11/21	8.3	Separable equations.
11/23	8.4	Linear differential equations.
11/28	10.10	Series solutions to differential equations.
11/30	10.10	More series solutions to differential equations.
12/2	6.5	Force and work.
12/5		Review for final.
12/7		More review for final.

Homework assignments

#	Due	Sect.	Problems
31	11/16	10.9	1,3,5,11,19,33,34,37,42
32	11/18	10.9	23,26,27,28,45,46,47,50
33	11/22	8.1	1-10
34	11/23	8.3	1,2,4,6,8,10,11,13,14,16,18
35	11/30	10.10	1, 2, 3, 5, 6, 7, 16, 16
36	12/2	10.10	11, 12, 13, 19, 20, 21, 23
37	12/6	6.5	3,5,7,9,11,12,35,37

FINAL EXAM ON WEDNESDAY, DECEMBER 14, FROM 4:30-7 p.m.
in a room to be announced.