

Math 121-2 Andrew Ross

PH 321 2:00-2:50 Winter 2017 CRN 20933

1	1/4/2017	Wed	Introductions; Syllabus, etc.
2	1/5/2017	Thu	5.4 Integrals: Review, Net Change
3	1/9/2017	Mon	continued
4	1/10/2017	Tue	5.5 Integrals: the substitution rule
5	1/11/2017	Wed	continued
6	1/12/2017	Thu	7.7 Approximate integration
7	1/16/2017	Mon	MLK day
8	1/17/2017	Tue	6.1 Areas between curves
9	1/18/2017	Wed	6.2 Volumes
10	1/19/2017	Thu	continued
11	1/23/2017	Mon	6.3 Volumes by cylindrical shells
12	1/24/2017	Tue	6.4 Work
13	1/25/2017	Wed	6.5 Average Value of a Function
14	1/26/2017	Thu	continued
15	1/30/2017	Mon	review day
16	1/31/2017	Tue	exam 1
17	2/1/2017	Wed	7.1 Integration by Parts
18	2/2/2017	Thu	continued
19	2/6/2017	Mon	7.2 Trigonometric integrals
20	2/7/2017	Tue	continued
21	2/8/2017	Wed	7.3 Trigonometric substitution
22	2/9/2017	Thu	7.4 Partial fractions
23	2/13/2017	Mon	7.5 Strategy for integration; 7.8 warmup
24	2/14/2017	Tue	7.8 Improper Integrals
25	2/15/2017	Wed	continued
26	2/16/2017	Thu	review day; last day before Break Week
27	2/27/2017	Mon	first day after Break Week; 8.1 Arc Length
28	2/28/2017	Tue	exam 2
29	3/1/2017	Wed	8.2 Area of a surface of revolution
30	3/2/2017	Thu	8.3 Physics & Engr (pressure, centroids)

31	3/6/2017	Mon	continued
32	3/7/2017	Tue	10.1,2 Parametrics & calculus
33	3/8/2017	Wed	10.3,4 Polar & calculus
34	3/9/2017	Thu	11.1 Sequences
35	3/13/2017	Mon	continued
36	3/14/2017	Tue	11.2 Series
37	3/15/2017	Wed	continued
38	3/16/2017	Thu	11.3 Integral test; estimates of sums
39	3/20/2017	Mon	continued
40	3/21/2017	Tue	11.4 The comparison test
41	3/22/2017	Wed	continued
42	3/23/2017	Thu	11.5 Alternating Series
43	3/27/2017	Mon	11.6 Absolute convergence; ratio & root tests
44	3/28/2017	Tue	11.7 Strategy for testing series
45	3/29/2017	Wed	review day
46	3/30/2017	Thu	exam 3; start 11.8 pre-lab exercise
47	4/3/2017	Mon	11.8 Power series
48	4/4/2017	Tue	continued
49	4/5/2017	Wed	11.9 Representations of functions as power series
50	4/6/2017	Thu	continued
51	4/10/2017	Mon	11.10 Taylor and Maclaurin series
52	4/11/2017	Tue	continued
53	4/12/2017	Wed	11.11 Applications of Taylor Polynomials
54	4/13/2017	Thu	continued
55	4/17/2017	Mon	Bonus topics: Fourier? Filtering? DiffEq?
56	4/18/2017	Tue	review day; last day of classes
	4/19/2017	Wed	other classes having finals
	4/20/2017	Thu	other classes having finals
	4/24/2017	Mon	other classes having finals
	4/25/2017	Tue	Final exam 1:30-3:00---a HALF-HOUR EARLY