

Daily Schedule for MATH 1080-041

May

Monday	Tuesday	Wednesday	Thursday	Friday
13	14 Welcome and class overview Section 5.5: u-substitution.	15 Section 6.1 Velocity & net change #LC 1	16 Section 6.2 Regions b/w curves #LC 2 MLM 6.1 due	17
20 Sections 6.3 Volume by slicing (disks & washers) LC #3 MLM 6.2 due	21 Sections 6.4 Volume by shells LC #4	22 Section 6.5 Length of curves LC #5 MLM 6.3 due	23 Sections 6.6, 6.7 Surface area, density, work, springs LC #6 MLM 6.4 due	24
27 <i>No class: Memorial Day</i>	28 Section 6.7 Work: lifting problems LC #7 MLM 6.5 due	29 Section 6.7 Work: pumping and hydrostatic force LC #8 MLM 6.6 due	30 Section 8.1 Basic integration approaches LC #9 MLM 6.7 due	31

June

Monday	Tuesday	Wednesday	Thursday	Friday
3 Section 8.2 Integration by parts LC #10 MLM 8.1 due	4 Section 8.3 Trig integrals LC #11 MLM 8.2 due	5 Section 8.4 Trig substitution LC #12 MLM 8.3 due	6 MIDTERM 1 (Sections 6.1—8.2)	7
10 Section 8.5 Partial fraction decomposition (PFD) with linear factors LC #13 MLM 8.4 due	11 Section 8.5 PFD with quadratic factors LC #14	12 Sections 8.6, 8.9 Integration strategy, improper integrals LC #15 MLM 8.5 due	13 Section 8.9 Improper integrals (cont.) LC #16 MLM 8.6 due	14
17 <i>No class: Long summer break</i>	18 <i>No class: Long summer break</i>	19 <i>No class: Long summer break</i>	20 <i>No class: Long summer break</i>	21
24 Sections 10.1, 10.2 Sequences and series LC #17 MLM 8.9 due	25 Sections 10.2, 10.3 Sequences and series (cont.) LC #18 MLM 10.1 due	26 Sections 10.3, 10.4 Geometric series, Divergence & integral tests, p-series LC #19 MLM 10.2 due	27 Section 10.4 Integral tests & series review LC #20 MLM 10.3 due	28

July

Monday	Tuesday	Wednesday	Thursday	Friday
1 Section 10.5 Comparison tests LC #21 MLM 10.4 (part 1) due	2 Section 10.6 Alternating series LC #22 MLM 10.4 (part 2) due	3 Sections 10.6, 10.7 Alternating series (cont.), ratio test LC #23 MLM 10.5 due	4 <i>No class:</i> <i>Independence Day</i>	5
8 MIDTERM 2 (Sections 8.3—10.4)	9 Section 10.7 Ratio and root tests LC #24 MLM 10.6 due	10 Section 10.8 Choosing a convergence test LC #25	11 Section 11.1 Polynomial approximations LC #26 MLM 10.7 due	12
15 Section 11.1 Taylor's remainder theorem LC #27 MLM 10.8 due	16 Section 11.2 Power series LC #28 MLM 11.1 due	17 Section 11.2 Power series (cont.) LC #29	18 Section 11.3 Taylor series LC #30 MLM 11.2 due	19
22 Section 11.4 Working with Taylor Series LC #31 MLM 11.3 due	23 Section 12.1 Parametric equations LC #32 MLM 11.4 due	24 Section 12.2 Parametric equations (cont.), polar coordinates LC #33 MLM 12.1 due	25 MIDTERM 3 (Sections 10.5—12.1)	26

August

Monday	Tuesday	Wednesday	Thursday	Friday
29 Section 12.3 Calculus in polar coordinates LC #34 MLM 12.2 due	30 Section 12.3 Calculus in polar coordinates (cont.) LC #35	31 Section 12.3 Calculus in polar coordinates (cont.) LC #36	1 <i>No class: Study Day</i> MLM 12.3 due	2 FINAL EXAM
5	6 Deadline to submit candidate grades	7 Deadline to submit all grades	8	9 Graduation