

Daily Schedule for MATH 1080-242 (asynchronous)

June

Monday	Tuesday	Wednesday	Thursday	Friday
27	28	29 Sections 5.5, 6.1 u-substitution, velocity & net change Read syllabus	30 Sections 6.2-6.3 Area b/w curves, volume by slicing LC 1, HW 6.1 due	1 Sections 6.4-6.5 Volume by shells, arc length Proctor form due LC 2-3, HW 6.2-3 due

July

Monday	Tuesday	Wednesday	Thursday	Friday
4 <i>No class: Holiday</i>	5 Sections 6.6, 6.7 Surface area, density, work by springs LC 4-5, HW 6.4 due	6 Section 6.7 Work: lifting, pumping, hydrostatic force LC 6, HW 6.5 due	7 Section 8.1 Basic integration approaches LC 7-8, HW 6.6 due	8 Section 8.2, 8.3 Integration by parts Trig integrals LC 9, HW 6.7 due
11 Section 8.4 Trig substitution LC 10-11, HW 8.1 due	12 Section 8.5 Partial fraction decomposition (PFD) LC 12, HW 8.2 due	13 MIDTERM 1 (Sections 6.1—8.2) HW 8.3 due	14 Sections 8.6, 8.9 Integration strategy, improper integrals LC 13-14 HW 8.4-5 due	15 Sections 10.1-3 Sequences and series LC 15-16, HW 8.6 due
18 Sections 10.3, 10.4 Geometric series, Divergence & integral tests, p-series LC 17-18, HW 8.9 due	19 Section 10.4 Integral tests & series review LC 19, HW 10.1-2 due	20 Section 10.5-6 Comparison tests Alternating series LC 20, HW 10.3 due	21 Sections 10.6, 10.7 Alternating series (cont.), ratio test LC 21-22, HW 10.4 due	22 Section 10.7-8 Ratio & root test, conv. test summary LC 23, HW 10.5-6 due
25 Section 11.1 Polynomial approx., Taylor remainder thm. LC 24-25, HW 10.7 due	26 Section 11.2 Power series LC 26-27, HW 10.8 due	27 MIDTERM 2 (Sections 8.3—10.8) HW 11.1 due	28 Section 11.3, 11.4 Taylor series LC 28-29, HW 11.2 due	29 Section 12.1 Parametric equations LC 30-31, HW 11.3 due

August

Monday	Tuesday	Wednesday	Thursday	Friday
1 Section 12.2 Polar coordinates LC 32, HW 11.4 due	2 Section 12.3 Calculus in polar coordinates LC 33, HW 12.1 due	3 Section 12.3 Calculus in polar coordinates (cont.) LC 34-35, HW 12.2 due	4 <i>No class: Study Day</i> LC 36, HW 12.3 due	5 FINAL EXAM