Daily Schedule for MATH 1080-041

May

Monday	Tuesday	Wednesday	Thursday	Friday
10	**11** **Welcome and class overview** **Section 5.5**: u-substitution.	**12** **Section 6.1** Velocity & net change #LC 1	**13** **Section 6.2** Regions b/w curves #LC 2 MLM 6.1 due	**14**
17 **Sections 6.3** Volume by slicing (disks & washers) LC #3 MLM 6.2 due	**18** **Sections 6.4** Volume by shells LC #4	**19** **Section 6.5** Length of curves LC #5 MLM 6.3 due	**20** **Sections 6.6, 6.7** Surface area, density, work, springs LC #6 MLM 6.4 due	**21**
24 **Section 6.7** Work: lifting problems LC #7 MLM 6.5 due	**25** **Section 6.7** Work: pumping and hydrostatic force LC #8 MLM 6.6 due	**26** **Section 8.1** Basic integration approaches LC #9 MLM 6.7 due	**27** **Section 8.2** Integration by parts LC #10 MLM 8.1 due	**28**

June

Monday	Tuesday	Wednesday	Thursday	Friday
31 ***No class: Memorial Day***	**1** **Section 8.3** Trig integrals LC #11 MLM 8.2 due	**2** **Section 8.4** Trig substitution LC #12	**3** **MIDTERM 1** (Sections 6.1—8.2) MLM 8.3 due	**4**
7 **Section 8.5** Partial fraction decomposition (PFD) with linear factors LC #13 MLM 8.4 due	**8** **Section 8.5** PFD with quadratic factors LC #14	**9** **Sections 8.6, 8.9** Integration strategy, improper integrals LC #15 MLM 8.5 due	**10** **Section 8.9** Improper integrals (cont.) LC #16 MLM 8.6 due	**11**
14 ***No class: Long summer break***	**15** ***No class: Long summer break***	**16** ***No class: Long summer break***	**17** ***No class: Long summer break***	**18**
21 **Sections 10.1, 10.2** Sequences and series LC #17 MLM 8.9 due	**22** **Sections 10.2, 10.3** Sequences and series (cont.) LC #18 MLM 10.1 due	**23** **Sections 10.3, 10.4** Geometric series, Divergence & integral tests, p-series LC #19 MLM 10.2 due	**24** **Section 10.4** Integral tests & series review LC #20 MLM 10.3 due	**25**
28 **Section 10.5** Comparison tests LC #21 MLM 10.4 (part 1) due	**29** **Section 10.6** Alternating series LC #22 MLM 10.4 (part 2) due	**30** **Sections 10.6, 10.7** Alternating series (cont.), ratio test LC #23	**1** **MIDTERM 2** (Sections 8.3—10.4) MLM 10.5 due	**2**

July

Monday	Tuesday	Wednesday	Thursday	Friday
5 ***No class: Independence Day***	**6** **Section 10.7** Ratio and root tests LC #24 MLM 10.6 due	**7** **Section 10.8** Choosing a convergence test LC #25	**8** **Section 11.1** Polynomial approximations LC #26 MLM 10.7 due	**9**
12 **Section 11.1** Taylor's remainder theorem LC #27 MLM 10.8 due	**13** **Section 11.2** Power series LC #28 MLM 11.1 due	**14** **Section 11.2** Power series (cont.) LC #29	**15** **Section 11.3** Taylor series LC #30 MLM 11.2 due	**16**
19 **Section 11.4** Working with Taylor Series LC #31 MLM 11.3 due	**20** **Section 12.1** Parametric equations LC #32 MLM 11.4 due	**21** **Section 12.2** Parametric equations (cont.), polar coordinates LC #33 MLM 12.1 due	**22** **MIDTERM 3** (Sections 10.5—12.1)	**23**
26 **Section 12.3** Calculus in polar coordinates LC #34 MLM 12.2 due	**27** **Section 12.3** Calculus in polar coordinates (cont.) LC #35	**28** **Section 12.3** Calculus in polar coordinates (cont.) LC #36	**29** ***No class: Study Day*** MLM 12.3 due	**30**

August

Monday	Tuesday	Wednesday	Thursday	Friday
2 **FINAL EXAM**	**3**	**4** **Deadline to submit candidate grades**	**5** **Deadline to submit all grades**	**6** **Graduation**

Comments to: **macaule@clemson.edu**
Last Updated: May 17, 2021