

MTH 252 Weekly Schedule

Week 1 (6/24, 6/26): Go over syllabus and policies. Cover 4.4 (l'Hospitals Rule) and 4.9 (Antiderivatives). WA #1 and #2 assigned. Lab 1 assigned.

Week 2 (6/30, 7/2): Cover 5.1 (Areas and Distances), 5.2 (The Definite Integral), and 5.3 (The Fundamental Theorem of Calculus). WA #3, #4, and #5 assigned. Lab 2 assigned.

Week 3 (7/7, 7/9): Cover 5.4 (Indefinite Integrals) and 5.5 (The Substitution Rule). WA #6 and #7 assigned. Lab 3 assigned.

Week 4 (7/14, 7/16): Cover 6.1 (Areas Between Curves), 6.2 (Volumes), and 6.3 (Volumes by Cylindrical Shells). WA #8, #9, and #10 assigned. Project handed out.

Week 5 (7/21, 7/23): Review for and take midterm exam.

Week 6 (7/28, 7/30): Cover 6.4 (Work), 6.5 (Average Value of a Function), and 7.1 (Integration by Parts). WA #11, #12, and #13 assigned.

Week 7 (8/4, 8/6): Cover 7.4 (Partial Fractions) and 7.6 (Integration Using Tables). WA #14 and #15 assigned. Lab 4 assigned.

Week 8 (8/11, 8/13): Cover 7.7 (Approximate Integration), 7.8 (Improper Integrals), and 8.1 (Arc Length). WA #16, #17, and #18 assigned. Lab 5 assigned.

Week 9 (8/18, 8/20): Cover 8.2 (Area of a Surface of Revolution) and 8.3 (Applications of Integrals). WA #19 and #20 assigned. Lab 6 assigned.

Week 10 (8/25, 8/27): Review for and take final exam. Project due.