

Homework Schedule Math10560 Spring 2020

Class Date	Topic covered in class	HW Appears	HW Due
Jan 15 Wed. Jan 17 Fri.	6.1. Inverse Functions 6.2*. The Natural Logarithmic Function	Jan 14 Jan 15	Jan 23 2:00 a.m. Jan 23 2:00 a.m.
Jan 22 Wed. Jan 24 Fri.	6.3*. The Natural Exponential Function 6.4*. General Logarithmic and Exponential Function	Jan 20 Jan 22	Jan 27 2:00 a.m. Jan 28 2:00 a.m.
Jan 27 Mon. Jan. 29 Wed. Jan. 31 Fri.	6.5. Exponential Growth and Decay 6.6. Inverse Trigonometric Functions 6.8. Indeterminate Forms and L'Hospital's Rule	Jan 24 Jan 27 Jan. 29	Jan. 30 2:00 a.m. Feb 03 2:00 a.m. Feb. 04 2:00 a.m.
Feb. 03 Mon. Feb. 05 Wed. Feb. 07 Fri.	7.1. Integration by Parts 7.2. Trigonometric Integrals 7.3. Trigonometric Substitution	Jan. 31 Feb. 03 Feb. 05	Feb. 06 2:00 a.m. Feb. 10 2:00 a.m. Feb. 11 2:00 a.m.
Feb. 10 Mon. Feb 12 Wed. Feb 14 Fri.	7.4. Integration of Rational Functions by Partial Fractions Partial Fractions/Rationalizing substitutions 7.5. Strategy for Integration	Feb 07 Feb. 10 Feb. 12	Feb. 13 2:00 a.m. Feb. 17 2:00 a.m. Feb. 20 2:00 a.m.
Feb. 17 Mon.. Feb. 19 Wed. Feb. 21 Fri.	Review for Exam 1 Return and discussion of Exam 1 7.7. Approximate Integrals	Feb. 19	Feb. 25 2:00 a.m.
Feb. 24 Mon. Feb. 26 Wed. Feb. 28 Fri.	7.8. Improper Integrals 8.1. Arc Length 9.2. Direction Fields and Euler's Method	Feb. 21 Feb. 24 Feb. 26	Feb. 27 2:00 a.m. Mar. 02 2:00 a.m. Mar. 03 2:00 a.m.
Mar. 02 Mon. Mar. 04 Wed. Mar. 06 Fri.	9.3. Separable Equations 9.5. Linear Equations 11.1. Sequences	Feb. 28 Mar. 02 Mar. 04	Mar. 05 2:00 a.m. Mar. 16 2:00 a.m. Mar. 17 2:00 a.m.
	Spring Break		
Mar. 16 Mon. Mar. 18 Wed. Mar. 20 Fri.	11.2. Series Review for Exam 2 Return and discussion of Exam 2	Mar. 06	Mar. 23 2:00 a.m.
Mar. 23 Mon. Mar. 25 Wed. Mar. 27 Fri.	11.3. The Integral Test for p-series 11.4. The Comparison Tests 11.5. Alternating Series	Mar. 20 Mar. 23 Mar. 25	Mar. 26 2:00 a.m. Mar. 30 2:00 a.m. Mar. 31 2:00 a.m.
Mar. 30 Mon. Apr. 01 Wed. Apr 03 Wed.	11.6. Absolute Convergence and the Ratio and Root Tests 11.7. Strategy for Testing Series 11.8. Power Series	Mar. 27 Mar. 30 Apr. 01	Apr. 02 2:00 a.m. Apr. 06 2:00 a.m. Apr. 07 2:00 a.m.
Apr. 06 Mon. Apr 08 Wed.	11.9. Representations of Functions as Power Series 11.10. Taylor and MacLaurin Series	Apr. 03 Apr. 06	Apr. 09 2:00 a.m. Apr. 16 2:00 a.m.
	Easter Break		
Apr 15 Wed. Apr 17 Fri.	11.11. Applications of Taylor Polynomials 10.1. Curves Defined by Parametric Equations	Apr. 08 Apr. 15	Apr. 20 2:00 a.m. Apr. 23 2:00 a.m.
Apr. 20 Mon. Apr. 22 Wed. Apr. 24 Fri.	Review For Exam 3 10.2. Calculus with Parametric Curves 10.3. Polar Coordinates	Apr. 20 Apr. 22	Apr. 27 2:00 a.m. Apr. 28 2:00 a.m.
Apr. 27 Mon.	10.4. Areas and Lengths in Polar Coordinates	Apr. 24	Apr. 30 2:00 a.m.