

Homework Schedule Math 10560 Fall 2024

Date	Day	Topic covered in class	HW appears	HW due
08/28	Wed.	6.1. Inverse Functions	Aug. 27	Sep. 2 2:00 am
08/30	Fri.	6.2*. The Natural Logarithmic Function	Aug. 28	Sep. 3 2:00 am
09/02	Mon.	6.3*. The Natural Exponential Function	Aug. 30	Sep. 5 2:00 am
09/04	Wed.	6.4*. General Log. and Exponential Function	Sep. 2	Sep. 9 2:00 am
09/06	Fri.	6.5. Exponential Growth and Decay	Sep. 4	Sep. 10 2:00 am
09/09	Mon.	6.6. Inverse Trigonometric Functions	Sep. 6	Sep. 12 2:00 am
09/11	Wed.	6.8. Indeterminate Forms and L'Hôpital's Rule	Sep. 9	Sep. 16 2:00 am
09/13	Fri.	NO CLASS (Inauguration)		
09/16	Mon.	7.1. Integration by Parts	Sep. 12	Sep. 19 2:00 am
09/18	Wed.	7.2. Trigonometric Integrals	Sep. 16	Sep. 23 2:00 am
09/20	Fri.	7.3. Trigonometric Substitution	Sep. 19	Sep. 26 2:00 am
09/23	Mon.	Review for Exam 1		
09/25	Wed.	Return and discussion of Exam 1		
09/27	Fri.	7.4. Integration by Partial Fractions	Sep. 24	Oct. 1 2:00 am
09/30	Mon.	7.4. Integration by Partial Fractions	Sep. 26	Oct. 3 2:00 am
10/02	Wed.	7.5. Strategy for Integration	Oct. 1	Oct 7 2:00 am
10/04	Fri.	7.7. Approximate Integrals	Oct. 1	Oct. 8 2:00 am
10/07	Mon.	7.8. Improper Integrals	Oct. 4	Oct. 10 2:00 am
10/09	Wed.	9.2. Direction Fields and Euler's Method	Oct. 7	Oct. 14 2:00 am
10/11	Fri.	9.3. Separable Equations	Oct. 9	Oct. 15 2:00 am
10/14	Mon.	9.5. Linear Equations	Oct. 15	Oct. 28 2:00 am
10/16	Wed.	Review for Exam 2		
10/18	Fri.	Return and discussion of Exam 2/Catch Up		
10/21	Mon.	Fall Break		
10/23	Wed.	Fall Break		
10/25	Fri.	Fall Break		
10/28	Mon.	11.1. Sequences	Oct. 18	Oct. 31 2:00 am
10/30	Wed.	11.2. Series	Oct. 28	Oct. 4 2:00 am
11/01	Fri.	11.3/11.4. p-series and comparison test	Oct. 30	Nov. 5 2:00 am
11/04	Mon.	11.4. The Comparison Tests	Nov. 1	Nov. 7 2:00 am
11/06	Wed.	11.5. Alternating Series	Nov. 4	Nov. 11 2:00 am
11/08	Fri.	11.6. Absolute Convergence and Ratio/Root Tests	Nov. 6	Nov. 12 2:00 am
11/11	Mon.	11.7. Strategy for Testing Series	Nov. 8	Nov. 14 2:00 am
11/13	Wed.	11.8. Power Series	Nov. 12	Nov. 18 2:00 am
11/15	Fri.	11.9. Functions as Power Series	Nov. 13	Nov. 19 2:00 am
11/18	Mon.	11.10. Taylor and Maclaurin Series	Nov. 18	Nov. 25 2:00 am
11/20	Wed.	Review for Exam 3		
11/22	Fri.	Return of Exam 3, Catch up/review		
11/25	Mon.	11.10. Taylor and Maclaurin Series	Nov. 22	Nov. 29 2:00 am
11/27	Wed.	Thanksgiving Break		
11/29	Fri.	Thanksgiving Break		

12/02	Mon.	11.11. Applications of Taylor Polynomials	Nov. 29	Dec. 5 2:00 am
12/04	Wed.	10.1. Curves Defined by Parametric Equations	Dec. 3	Dec. 9 2:00 am
12/06	Fri.	10.2. Calculus with Parametric Curves	Dec. 3	Dec. 10 2:00 am
12/09	Mon.	10.3. Polar Coordinates	Dec. 6	Dec. 12 2:00 am
12/11	Wed.	10.4. Areas and Lengths in Polar Coordinates	Dec. 7	Dec 12 11:59 pm