

Schedule Math10560 Fall 2026

08/24	Mon.	6.1. Inverse Functions
08/25	Tue.	Course Information.
08/26	Wed.	6.2*. The Natural Logarithmic Function
08/28	Fri.	6.3*. The Natural Exponential Function
08/31	Mon.	6.4*. General Logarithmic and Exponential Function.
09/01	Tue.	Quiz 1 , Topics: 6.1, 6.2*, 6.3*
09/02	Wed.	6.5. Exponential Growth and Decay
09/04	Fri.	6.6. Inverse Trigonometric Functions
09/07	Mon.	6.8. Indeterminate Forms and L'Hospital's Rule
09/08	Tue.	Quiz 2 , Topics: 6.4*, 6.5, 6.6
09/09	Wed.	7.1. Integration by Parts
09/11	Fri.	7.2. Trigonometric Integrals
09/14	Mon.	7.3. Trigonometric Substitution
09/15	Tue.	Quiz 3 , Topics: 6.8, 7.1, 7.2
09/16	Wed.	7.4. Integration of Rational Functions by Partial Fractions
09/18	Fri.	7.4. Integration of Rational Functions by Partial Fractions
09/21	Mon.	Review for Exam 1
09/22	Tue.	Exam 1 (No Tutorial)
09/23	Wed.	Return and discussion of Exam 1/Catch Up
09/25	Fri.	7.5. Strategy for Integration
09/28	Mon.	7.7. Approximate Integrals
09/29	Tue.	Quiz 4 , Topics: 7.3, 7.4 7.5 + Topics from Exam 1
09/30	Wed.	7.8. Improper Integrals
10/02	Fri.	8.1. Arc Length
10/05	Mon.	9.2. Direction Fields and Euler's Method
10/06	Tue.	Quiz 5 , Topics: 7.7, 7.8, 8.1
10/07	Wed.	9.3. Separable Equations
10/09	Fri.	9.5. Linear Equations
10/12	Mon.	Review for Exam 2
10/13	Tue.	Exam 2
10/14	Wed.	Return and discussion of Exam 2/Catch Up
10/16	Fri.	11.1. Sequences
10/19	Mon.	Fall Break
10/20	Tue.	Fall Break
10/21	Wed.	Fall Break
10/23	Fri.	Fall Break

10/26	Mon.	11.2. Series
10/27	Tue.	Quiz 6 , 9.2, 9.3, 9.5, 11.1 + topics from Exam 2
10/28	Wed.	11.3/11.4. p-series (using integral test) and comparison test.
10/30	Fri.	11.4. The Comparison Tests
11/02	Mon.	11.5. Alternating Series
11/03	Tue.	Quiz 7 , Topics: 11.2, 11.3, 11.4
11/04	Wed.	11.6. Absolute Convergence and the Ratio and Root Tests
11/06	Fri.	11.7. Strategy for Testing Series
11/09	Mon.	11.8. Power Series
11/10	Tue.	Quiz 8 , Topics: 11.5, 11.6, 11.7
11/11	Wed.	11.9. Representations of Functions as Power Series
11/13	Fri.	11.10. Taylor and Maclaurin Series
11/16	Mon.	Examples and Catch Up.
11/17	Tue.	Quiz 9 , Topics: 11.8, 11.9, 11.10
11/18	Wed.	Review for Exam 3
11/19	Thur.	Exam 3
11/20	Fri.	Return of Exam 3, Catch up/review
11/23	Mon.	11.11. Applications of Taylor Polynomials
11/24	Tue.	No Tutorial
11/25	Wed.	Thanksgiving Break
11/27	Fri.	Thanksgiving Break
11/30	Mon.	10.1. Curves Defined by Parametric Equations
12/01	Tue.	Quiz 10 , Topics 11.10, 11.11
12/02	Wed.	10.2. Calculus with Parametric Curves
12/04	Fri.	10.3. Polar Coordinates
12/07	Mon.	10.4. Areas and Lengths in Polar Coordinates
12/08	Tue.	Review(points for attendance) Topics: 10.1-10.4
12/09	Wed.	Review
12/14	Mon.	Final Exam 10:30 a.m.-12:30 p.m.