Daily schedule

Note: The numbers (X.Y) after each topic indicate that the content corresponds to Chapter X Section Y of the textbook.

Date	Lec / Rec	Content	HW due
Mon, 1/8	Lecture 01	Vectors in the plane (13.1)	
Tue, 1/9	*Rec*	*Introduction; syllabus quiz*	
Wed, 1/10	Lecture 02	Vectors in three dimensions (13.2)	
Thu, 1/11	*Rec*	*No quiz*	01, 02
Fri, 1/12	Lecture 03	Dot products (13.3)	
Mon, 1/15		MLK Day: No class	
Tue, 1/16	*Rec*	*Quiz 01: Lectures 01 & 02 content*	03
Wed, 1/17	Lecture 04	Cross products (13.4)	
Thu, 1/18	*Rec*	*Quiz 02: Lecture 03 content*	04
Fri, 1/19	Lecture 05	Regions between curves (6.2)	
Mon, 1/22	Lecture 06	Volumes by slicing (6.3)	
Tue, 1/23	*Rec*	*Quiz 03: Lecture 04 content*	05
Wed, 1/24	Lecture 07	Volumes by shells (6.4)	
Thu, 1/25	*Rec*	*Quiz 04: Lecture 05 content*	06, 07
Fri, 1/26	Lecture 08	Arc length & surface area (6.5, 6.6)	
Mon, 1/29	Lecture 09	Physical applications I (6.7)	
Tue, 1/30	*Rec*	*Quiz 05: Lectures 06 & 07 content*	08
Wed, 1/31	Lecture 10	Physical applications II (6.7)	
Thu, 2/1	*Rec*	*Quiz 06: Lecture 08 content*	09,10
Fri, 2/2	Lecture 11	Integration approaches & integration by parts (8.1, 8.2)	
Mon, 2/5	Lecture 12	Trigonometric integrals I (8.3)	
Tue, 2/6	*Rec*	*Quiz 07: Lectures 09 & 10 content*	11
Wed, 2/7		Midterm 1 review	
Thu, 2/8		*Midterm 1 review*	
Midterm 1: covering Lectures 01–10 Thursday, February 8 @ 6:30–7:30 pm			
Fri, 2/9		No class (evening exam compensation)	
Mon, 2/12	Lecture 13	Trigonometric integrals II (8.3)	
Tue, 2/13	*Rec*	*Quiz 08: Lecture 11 content*	12, 13
Wed, 2/14	Lecture 14	Trigonometric substitutions I (8.4)	

Date	Lec / Rec	Content	HW due
Thu, 2/15	*Rec*	*Quiz 09: Lectures 12 & 13 content*	14
Fri, 2/16	Lecture 15	Trigonometric substitutions II (8.4)	
Mon, 2/19	Lecture 16	Partial fraction decompositions I (8.5)	
Tue, 2/20	*Rec*	*Quiz 10: Lecture 14 content*	15
Wed, 2/21	Lecture 17	Partial fraction decompositions II (8.5)	
Thu, 2/22	*Rec*	*Quiz 11: Lecture 15 content*	16, 17
Fri, 2/23	Lecture 18	Improper integrals (8.9)	
Mon, 2/26	Lecture 19	Sequences and series overview (10.1)	
Tue, 2/27	*Rec*	*Quiz 12: Lectures 16 & 17 content*	18
Wed, 2/28	Lecture 20	Sequences (10.2)	
Thu, 2/29	*Rec*	*Quiz 13: Lecture 18 content*	19, 20
Fri, 3/1	Lecture 21	Infinite series (10.3)	
Mon, 3/4		Midterm 2 review	
Tue, 3/5		*Midterm 2 review*	
Midterm 2: covering Lectures 11–18 Tuesday, March 5 @ 8–9 pm			
Wed, 3/6	Lecture 22	The divergence and integral tests (10.4)	
Thu, 3/7	*Rec*	*Quiz 14: Lectures 19 & 20 content*	21, 22
Fri, 3/8		No class (evening exam compensation)	
Mon, 3/11	Spring break		
Tue, 3/12			
Wed, 3/13			
Thu, 3/14			
Fri, 3/15			
Mon, 3/18	Lecture 23	Comparison tests (10.5)	
Tue, 3/19	*Rec*	*Quiz 15: Lectures 21 & 22 content*	23
Wed, 3/20	Lecture 24	Alternating series (10.6)	
Thu, 3/21	*Rec*	*Quiz 16: Lecture 23 content*	24
Fri, 3/22	Lecture 25	Ratio and root tests (10.7)	
Mon, 3/25	Lecture 26	Choosing a convergence test (10.8)	
Tue, 3/26	*Rec*	*Quiz 17: Lecture 24 content*	25, 26
Wed, 3/27	Lecture 27	Approximating functions with polynomials I (11.1)	
Thu, 3/28	*Rec*	*Quiz 18: Lectures 25 & 26 content*	27
Fri, 3/29	Lecture 28	Approximating functions with polynomials II (11.1)	

Date	Lec / Rec	Content	HW due
Mon, 4/1	Lecture 29	Power series I (11.2)	
Tue, 4/2	*Rec*	*Quiz 19: Lecture 27 content*	28
Wed, 4/3		Midterm 3 review	
Thu, 4/4		*Midterm 3 review*	
Midterm 3: covering Lectures 19–26 Thursday, April 4 @ 8–9 pm			
Fri, 4/5	Lecture 30	Power series II (11.2)	
Mon, 4/8		No class (evening exam compensation)	
Tue, 4/9	*Rec*	*Quiz 20: Lecture 28 content*	29, 30
Wed, 4/10	Lecture 31	Taylor series (11.3)	
Thu, 4/11	*Rec*	*Quiz 21: Lectures 29 & 30 content*	31
Fri, 4/12	Lecture 32	Working with Taylor series (11.4)	
Mon, 4/15	Lecture 33	Polar coordinates I (12.2)	
Tue, 4/16	*Rec*	*Quiz 22: Lecture 31 content*	32, 33
Wed, 4/17	Lecture 34	Polar coordinates II (12.2)	
Thu, 4/18	*Rec*	*Quiz 23: Lectures 32, 33 content*	34
Fri, 4/19	Lecture 35	Area and length in polar coordinates (12.3)	
Mon, 4/22		Review	
Tue, 4/23		*Review*	35 (optional)
Wed, 4/24		Review	
Thu, 4/25		*Review*	
Fri, 4/26		Review	
Mon, 4/29	Final exam week		
Tue, 4/30			
Wed, 5/1			
Thu, 5/2			
Fri, 5/3			