

Math 224/225 Weekly Schedule, Spring 2022

Math 224: January 25 to March 21

Math 225: March 25 to May 11

You are required to watch 1-3 videos before each class unless stated otherwise for that day in the schedule below. The videos are titled by section numbers from the text. The section covered in each class are the videos you need to watch before each class.

Math 224 begins Wednesday, January 26, and ends Monday, March 21

(Note: Schedule under construction, and subject to change, depending on circumstances. Dates of Skills Tests to be determined.)

Week	Dates	Sections	Topics	Basic Skills Tests	
1	Jan 26 - 28	Appendix A (no required video, but videos available in "Precalculus Videos" link on webpage)	Inequalities and Absolute Values	none	
		1.5	Limit of a Function (intuitive) & Calculating Limits		
2	Jan 31 - Feb 4 (Add Deadline is Monday, Jan 31)	1.6	Calculating Limits		
		1.8	Continuity		
		1.4 & 2.1	Derivatives and Rates of Change: Motivation		
3	Feb 7 - 11 (Drop Deadline is Monday, February 7)	1.4 & 2.1	Derivatives and Rates of Change: Definition		
		2.2	Derivative as a Function		
		2.3	Differentiation Formulas		
4	Feb 14 - 18	Appendix D & 2.4	Trig Review & Derivatives of Trig Functions		Skills Test 1 begins XXX, Feb. xx. It covers Limits, Continuity, and Differentiation Formulas. You have until XXX Feb xx to take all 3 attempts.
		2.5	Chain Rule		
		Review			
5	Feb 21 - 25	224 Exam 1 (midterm)	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym		
		2.6	Differentiation of Functions with Implicit Definitions		
		2.7, 2.8	Rates of Change in Science & Related Rates		
6	Feb 28 - Mar 4	2.8	More Related Rates	Skills Test 2 begins XXX Mar xx. It covers Trigonometric Derivatives, the Chain Rule, and "Implicit Differentiation". You have until XXX Mar xx to take all 3 attempts.	
		3.1	Maximum & Minimum Values		
		3.3	How Derivatives Affect the Shape of a Graph		
7	Mar 7 - 11	3.4	Limits at Infinity	The last day to take Skills Test 2 is . . .	
		3.5	Curve Sketching		
		Review for Final	Exam is comprehensive, but emphasizing Sections 2.6-3.5		
	Mar 14 - 18	Spring Break			
8	Mar 21 (Withdraw Deadline is Monday, Mar 21)	224 Final Exam	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym		

Math 225 begins Friday, March 25, and ends Tuesday, May 11

(Note: Schedule under construction, and subject to change, depending on circumstances.)

Week	Dates	Sections	Topics	Basic Skills Tests	
8	Mar 25	3.7	Optimization		
9	Mar 28 - Apr 1 (Add Deadline is Thursday, Apr 8)	3.7	More Optimization		
		3.2	Mean Value Theorem & Consequences		
		3.9	Antiderivatives		
10	Apr 4 - 8 (Drop Deadline is Thursday, Apr 15)	4.1 & Appendix E	Areas and Distances & Summation Notation		
		4.2	Definite Integrals		
		4.3	Fundamental Theorem of Calculus		
11	Apr 11 - 15	4.4	Indefinite Integrals and Net Change Theorem		Skills Test 3 begins XXX, Apr xxx. It covers Antiderivatives, Indefinite Integrals, and the Fundamental Theorem of Calculus. You have until XXX Apr xx to take all 3 attempts.
		4.3 & 4.4	More on the Fundamental Theorem, Indefinite Integrals and the Net Change Theorem		
		Easter Break			
12	Apr 18 - 21	Easter Break		none	
		Review			
		225 Exam 1 (midterm)	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym		
13	Apr 25 - 29	4.5	Substitution Rule		
		4.5	More Substitution Rule		
		5.1	Area Between Curves		
14	May 2 - 6	5.2	Volumes of Solids of Revolution (Disks/Washers)		
		5.3	Volumes of Solids of Revolution (Shells)		
		5.2, 5.3	Summary of Washers and Shells		
14	May 9 - 11 (Withdraw Deadline is Monday, May 17)	5.5	Average Value of a Function		Skills Test 4 XXX, May xxx. It covers the Substitution Rule and Area Between Curves. You have until XXX, May xxx to take all 3 attempts.
		Review			
15	May 13 - 19	225 Final Exam	Exam will take place in person at time and place to be announced		

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Math 224/225 Weekly Schedule, Spring 2021

Math 224: February 11 to March 29

Math 225: April 2 to May 18

You are required to watch 1-3 videos before each class unless stated otherwise for that day in the schedule below. The videos are titled by section numbers from the text. The section covered in each class are the videos you need to watch before each class.

Math 224 begins Friday, February 12, and ends Monday, March 29

(Note: Schedule under construction, and subject to change, depending on circumstances. Dates of Skills Tests to be determined.)

Week	Dates	Sections	Topics	Basic Skills Tests	
1	Feb 12	Appendix A (no required video, but videos available in "Precalculus Videos" link on webpage)	Inequalities and Absolute Values	none	
2	Feb 15 - 19 (Add Deadline is Wednesday, Feb 17)	1.5	Limit of a Function (intuitive) & Calculating Limits		
		1.6	Calculating Limits		
		1.8	Continuity		
3	Feb 22 - 26 (Drop Deadline is Wednesday, Feb 24)	1.4 & 2.1	Derivatives and Rates of Change		
		2.2	Derivative as a Function		
		2.3	Differentiation Formulas		
4	Mar 1 - 5	Appendix D & 2.4	Trig Review & Derivatives of Trig Functions	Skills Test 1 begins XXX, Feb. xx. It covers Limits, Continuity, and Differentiation Formulas. You have until XXX Feb xx to take all 3 attempts.	
		2.5	Chain Rule		
		Review			
5	Mar 8 - 12	224 Exam 1 (midterm)	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym		
		2.6	Differentiation of Functions with Implicit Definitions		
		2.7, 2.8	Rates of Change in Science & Related Rates		
6	Mar 15 - 19	2.8	More Related Rates		
			Rejuvenation Day - No Class		
7	Mar 22 - 26	3.1	Maximum & Minimum Values		Skills Test 2 begins XXX Mar xx. It covers Trigonometric Derivatives, the Chain Rule, and "Implicit Differentiation". You have until XXX Mar xx to take all 3 attempts.
		3.3	How Derivatives Affect the Shape of a Graph		
		3.4	Limits at Infinity		
7	Mar 29 (Withdraw Deadline is Monday, Mar 29)	3.5	Curve Sketching	None	
		224 Final Exam	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym		

Math 225 begins Friday, April 2, and ends Tuesday, May 18

(Note: Schedule under construction, and subject to change, depending on circumstances.)

Week	Dates	Sections	Topics	Basic Skills Tests
7	Apr 2	3.7	Optimization	
8	Apr 5 - 9 (Add Deadline is Thursday, Apr 8)	3.7	More Optimization	
		3.2	Mean Value Theorem & Consequences	
		3.9	Antiderivatives	
9	Apr 12 - 16 (Drop Deadline is Thursday, Apr 15)	4.1 & Appendix E	Areas and Distances & Summation Notation	
		4.2	Definite Integrals	
		4.3	Fundamental Theorem of Calculus	

10	Apr 19 - 23	4.4	Indefinite Integrals and Net Change Theorem	Skills Test 3 begins XXX, Apr xxx. It covers Antiderivatives, Indefinite Integrals, and the Fundamental Theorem of Calculus. You have until XXX Apr xx to take all 3 attempts.
		Review		
		225 Exam 1 (midterm)	Exam will take place in person during regular class time, either in your regular classroom or the Events Center or West Gym	
11	Apr 26 - 30	4.3 & 4.4	More on the Fundamental Theorem, Indefinite Integrals and the Net Change Theorem	none
		4.5	Substitution Rule	
		4.5	More Substitution Rule	
12	May 3 - 7	5.1	Area Between Curves	
		5.1	More Area Between Curves	
		5.2	Volumes of Solids of Revolution (Disks/Washers)	
13	May 10 - Dec 14	5.3	Volumes of Solids of Revolution (Shells)	Skills Test 4 XXX, May xxx. It covers the Substitution Rule and Area Between Curves. You have until XXX, May xxx to take all 3 attempts.
		5.2, 5.3	Summary of Washers and Shells	
		5.5	Average Value of a Function	
14	May 17 (Withdraw Deadline is Monday, May 17)	Review		
	May 19 - 21	225 Final Exam	Exam will take place in person at time and place to be announced	

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