## Math 224/225 Weekly Schedule, Fall 2025

Math 224: August 20 to October 10 Math 225: October 15 to December 5

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, August 20, and ends Friday, October 10

Week	Dates	Sections	Topics	Basic Skills Tests
1	Aug 20 - 22	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)	
2	Aug 25 - 29 ( <b>Add Deadline</b> - Monday, August 25)	1.6	Calculating Limits Using Limit Laws	
		1.8	Continuity	
		1.4 & 2.1	Tangents & Velocity Problems, Derivatives and Rates of Change	
3	Sep 1 - Sep 5 ( <b>Drop Deadline</b> - Tuesday, September 2)	Labor Day	No Class Monday	
	Monday class schedule on September 2	2.2	Derivative as a Function	
		2.3	Differentiation Formulas	
		Appendix D & 2.4	Trig Review & Derivatives of Trig Functions	
	Sep 8 - 12	2.5	Chain Rule	Skills Test 1 begins on Sep 8 and you have until Sep 12 to take your first attempt, but can take other attempts this week as well. It covers Limits, Continuity, and Differentiation Formulas. You have until Sep 19 to take all 3 attempts.
4		2.5 & Review	More Chain Rule	
		Exam 1	Exam will take place during normal class time	
5	Sep 15 - 19	2.6	Implicit Differentiation	
		2.7 & 2.8	Rates of Change in Science and Related Rates	
		2.8	More Related Rates	
6	Sep 22 - 26 ( <b>Withdraw Deadline</b> - Friday, September 26)	No Class	Rosh Hashanah	None
		No Class	Rosh Hashanah	Skills Test 2 begins Sep 25. It covers Trigonometric Derivatives, the Chain Rule, and "Implicit Differentiation". You have until Oct 10 to take all 3 attempts.
		3.1	Maximum & Minimum Values	
7	Sep 29 - Oct 3 (No class after 1:15 on Wednesday)	3.3	How Derivatives Affect the Shape of a Graph	
		3.4	Limits at Infinity	
		3.4 & 3.5	More Limits at Infinity & Curve Sketching	
8	Oct 6 - 10	3.5	Curve Sketching	
		3.5 & Review for Final	Exam is comprehensive, but emphasizing Sections 2.6-3.5	
		Final Exam Exam covers all topics from the course but will emphasize Sections 2.6- 3.5	Exam will take place in person during normal class time	
9	Oct 13	No Class	(Math 224 is over)	

## Math 225 Wednesday, October 15

Week	Dates	Sections	Topics	Basic Skills Tests
9	Oct 15 - 17	3.7	Optimization	- None
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10	Oct 20 - 24 ( <b>Add Deadline</b> - Tuesday, Oct 21)	3.2	Mean Value Theorem	
		3.9	Antiderivatives	
		No Class	Rejuvenation Day	
11	Oct 27 - 31 ( <b>Drop Deadline</b> - Wednesday, Oct 29)	4.1 & Appendix E	Areas and Distances & Summation Notation	
		4.2	Definite Integrals	
		4.3	The Fundamental Theorem	
12	Nov 3 - 7	4.3	More on the Fundamental Theorem	Skills Test 3 begins on Nov 3. It covers Antiderivatives, Indefinite Integrals, and the Fundamental Theorem of Calculus. You have until Nov 14 to take all 3 attempts.
		4.4	Indefinite Integrals and Net Change Theorem	
		Review	Exam 1 covers Sections 3.7-4.4	
	Nov 10 - 14	<b>Exam 1</b> Topics cover Sections 3.7-4.4	Exam will take place on Monday Nov 10 in person during normal class time	
13		4.5	Substitution Rule	
		4.5	More Substitution Rule	
	Nov 17 - 21 (Withdraw and P/F Grade Option Deadline - Wednesday, November 19)	5.1	Area Between Curves	Skills Test 4 begins on Monday Nov 17. It covers the Substitution Rule and Area Between Curves. You have until Dec 5 to take all 3 attempts.
14		5.1	More Area Between Curves	
		5.2	Volumes of Solids of Revolution (Disks/Washers)	
15	Nov 24 - 28	5.3	Volumes of Solids of Revolution (Shells)	
		No Class	Thanksgiving	
		No Class	Thanksgiving	
	Dec 1 - 5	5.2/5.3	Volumes of Solids of Revolution (Summary)	
		5.5	Average Value of a Function	
16		Review for Final	The final is cumulative and covers all topics from the course with a majority of the questions covering sections 4.5, 5.1-5.3 & 5.5	Last day to take Skills Test 4 is Fri, Dec 5
17	Dec 8 - 14	Final Exam on Date and Time Assigned by Registrar, View Final Exam schedule here		None

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