Weekly schedule

Math 223 Fall 2025

Note: All videos for Math 223 course are located in WebAssign under the "Resources" tab located on bottom left, just click on "Stewart:: Precalculus-7e". The specific precalculus section video you are required to watch before lecture are listed in the last column of 223 weekly schedule below.

When you click on the specific precalculus section in "Resources" you will see two sets of videos offered, Kazmierczak videos and Mosley videos. You are required to view the Kazmierczak ("Prof Kaz") videos; Mosley are recommended; your instructor will require others as needed.

Math 223 begins Wednesday, August 20, and ends Monday, October 10

Week	Dates	Sections in Calculus & Precalculus text	Topics	Videos: Please view before class Found in WebAssign under "Resources" tab
1	Aug 20-22	Precalc Sects 1.1-1.5	Algebra Review	Kaz video in Precalc Sects 1.1-1.5
		Calculus App. A; Precalc Sect 1.8	Inequalities & absolute values	Kaz video in Precalc Sect 1.8
2	Aug 25-29 (Add deadline is Monday, Aug 25)	Calculus App. B; Precalc Sect 1.10	Coordinate geometry & lines	Kaz video, Precalc Sect 1.10
		Calculus App. C; Precalc. Sects 1.9, 3.1	Graphs of second-degree equations (mainly, circles & parabolas)	Kaz. video in Precalc Sect 1.9, 3.1
		Calculus Sec. 1.1; Precalc Sects 2.2-2.3, 2.6	Functions	Kaz videos, Precalc Sects 1.4, 2.2-2.3, 2.6
3		Labor Day	No class on Monday	Have class on Tues Sep 2
	Sep 1-5 (Drop deadline is Tues Sep 2) (Monday class schedule on Tues Sep 2)	Calculus Sec. 1.2; Precalc Sects 3.1-3.2	Mathematical models	Kaz videos in Precalc. Sects 1.5, 3.1, 3.2
		Calculus Sect 1.3; Precalc Sects 2.6-2.7	New functions from old	Kaz videos in Precalc Sects 2.6-2.7
		Precalc Sects 3.3-3.4; also, see Content in Brightspace with Prof Behr's pdf covering this topic thoroughly.	Dividing polynomials and factoring	Kaz & Mosely videos in Precalc Sect 3.3; Kaz videos in Precalc Sect 3.4
	Sep 8-12	Precalc Sects 3.3-3.4	More dividing polynomials and factoring	Kaz & Mosely videos in Precalc Sect 3.3; Kaz videos in Precalc Sect 3.4
4		Review Problems		
		Math 223 Midterm Exam	Exam takes place in person during class in usual classroom	
5	Sep 15-19	Calculus Appendix D; Precalc Sects 5.1-5.2, 6.1-6.2	Trigonometry & Trig Functions	Kaz videos in Precalc Sects 5.1-5.2, 6.1-6.2
		Calculus Appendix D; Precalc Sects. 5.3-5.4, 6.3, 7.1	Trigonometric Functions	Kaz videos in Precalc Sects. 5.3-5.4, 6.3, 7.1
		Calculus Sec. 6.1 (No Calculus Covered)	Inverse Functions	Kaz videos in Precalc Sect 2.8
6	Sep 22-26 (Withdraw deadline is Friday, Sep 26)	No Class	Rosh Hashanah	
		No Class	Rosh Hashanah	
		Calculus Sec. 6.2; Precalc sects 4.1-4.2	Exponential Functions	Kaz videos in Precalc sects 4.1-4.2

7	Sep 29 - Oct 3 (No class after 1:15 on	Calculus Sect 6.3; Precalc sects 4.3-4.4	Logarithmic Functions Functions	Kaz videos in Precalc sects 4.3-4.6
		Calculus Sect 6.3; Precalc sect 4.5	Exponential & Logarithmic Functions	No video or warmup
8	Oct 6-10	Calculus Sect 6.6; Precalc sects 5.5, 6.4	Inverse Trig Functions	Kaz videos in Precalc Sects. 5.5, 6.4, 7.4
		Calculus Sec. 6.6; Precalc sects 5.5, 6.4	More Inverse Trig Functions	Kaz videos in Precalc Sects. 5.5, 6.4, 7.4
		Review for Final Exam		
		The Math 223 Final Exam is on Friday Oct 10	Covers App D (Trig) through 6.6 (Inverse Trig Functs)	Exam takes place in person during class in usual classroom on Friday Oct 10
9	Oct 13	No Class	Math 223 is over	

Math 224 begins Wednesday, October 15, and ends Friday, December 5

See <u>Math 224/225 website</u> for Math 224 syllabus, required videos, and other helpful material. Your weekly schedule for the 2nd half-semester is below.

Week	Dates	Sections All readings are in Calculus text	Topics	Basic Skills Tests
9	Oct 15-17	1.5	Limit of a Function	None
		1.6	Calculating Limits Using Limit Laws	
10	Oct 20-24 (Add deadline is Tuesday, October 21	1.8	Continuity	
		1.4 & 2.1	Tangents/Velocity Problems & Derivatives and Rates of Change	
		No Class	Rejuvenation Day	
	Oct 27-31 (Drop deadline is Wednesday, October 29)	2.2	Derivative as a Function	
11		2.3	Differentiation formulas	
		2.4 & App D	Derivatives of trig functions	
		2.5	Chain Rule	Skills Test 1 begins on November 3 and you have until Nov 7 to take your first attempt, but can take other attempts this week as well. It covers limits, continuity, and differentiation formulas. You have until Friday, Nov 14, to take all 3 attempts.
12	Nov 3-7	2.5	More Chain Rule	
		Review	Midterm covers everything through Sect 2.5	
13	Nov 10-14	224 Exam 1 (Midterm)	Midterm covers everything through Sect 2.5	
		2.6	Implicit Differentiation	
		2.7 & 2.8	Rates of Change in Science & Related Rates	
	Nov 17-21 (Withdraw & P/F Grade Option Deadline is Wednesday, Nov 19)	2.8	More Related Rates	
14		3.1	Maximum and Minimum values of a function	Skills Test 2 begins Monday, Nov 17. It covers trigonometric derivatives, chain rule, and implicit differentiation. You have until Monday, Nov 21, to take your 1st attempt.
		3.3	How derivatives affect the shape of a graph	
15	Nov 24-28	3.4	Limits at Infinity	
		No Class	Thanksgiving	
		No Class	Thanksgiving	
16	Dec 1-5	3.5	Curve Sketching	Last days to take your 2nd or 3rd attempt of Skills Test 2. You have until Friday, Dec 5, to take all 3 attempts.
		3.5	More Curve Sketching	
		Final Exam review	Last day of classes	Last day to take Skills Test 2 is Friday, Dec 5

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17	Dec 8-14		The final covers all topics from the course with a majority of the questions covering Sects 2.6-3.5	
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Permanent link:

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