

## Schedule for Math 226/227 (Beginning August 25)

Next to certain sections below you'll see "**Video Required**". These videos are located at the beginning of that section's assignment in WebAssign. You are required to watch these videos before that section is covered in class.

Week	Dates	Sections	Topics	Basic Skills Tests
1	Aug 25-27	6.1 (Video Required)	Functions and their Inverses	None
		6.2*	The Natural Logarithmic Function	
2	Aug 30-Sep 3 ( <b>Add Deadline</b> - Monday, August 30)	6.2*	The Natural Logarithmic Function	
		6.3*	The Natural Exponential Function	
		6.4*	General Logarithmic & Exponential Functions	
3	Sep 6-10 ( <b>Drop Deadline</b> - Thursday, September 9)	<b>No Class</b>	<b>Labor Day/Rosh Hashanah</b>	
		<b>No Class</b>		
		6.5 (Video Required)	Exponential Growth and Decay	
4	Sep 13-17	6.6	Inverses of Trigonometric Functions	Skills Test: First Attempt TBA. <b>Last day to take last attempt is TBA.</b>
		6.8	Indeterminate Forms & L'Hospital's Rule	
		6.8 & 7.1 (Video Required)	L'Hospital's Rule & Integration by Parts	Skills Test: Second Attempt TBA. <b>Last day to take last attempt is TBA.</b>

5	Sep 20-24	7.1 (Video Required)	Integration by Parts	None
		7.2	Trigonometric Integrals	
		Review		
6	Sep 27-Oct 1 <b>(Withdraw Deadline - Friday, October 1)</b>	<b>Exam 1</b> Topics cover Sections 6.1-7.2	Exam will take place in person during regular class time	
		7.3 (Video Required)	Inverse Trig Substitution	
		7.4 (Video required)	Integration of Rational Functions	
7	Oct 4-8	7.4 (Video required)	Integration of Rational Functions	
		7.8 (Video Required)	Improper Integrals	
		8.1 (Video Required) & 10.1	Arc Length & Parametric Curves	
8	Oct 11-15	10.2 (Video Required)	Calculus with Parametric Curves	
		Review for Final		
		<b>No class</b>	<b>Fall Break</b>	
9	Oct 18-20	<b>Final Exam</b>	Final Exam covers all topics from the course but with focus on Sections 7.2-10.2	
		No class	(Math 226 is over)	

### Math 227 Begins Monday, October 22

Week	Dates	Sections	Topics	Basic Skills Tests
9	Oct 22	10.3	Polar Coordinates	None
10	Oct 25 - 29 ( <b>Add Deadline - Thursday, October 28</b> )	10.4	Calculus Using Polar Coordinates	
		10.4	More Calculus Using Polar Coordinates	
		11.1 (Video)	Sequences	
11	Nov 1 - 9 ( <b>Drop Deadline - Thursday, November 4</b> )	11.1 & 11.2	Sequences & Infinite Series	
		11.2	Infinite Series	
		11.3 (Video)	Integral Test	
12	Nov 8-12	11.4	Comparison Tests	
		11.5	Alternating Series	
		Review		
13	Nov 15 - 19	<b>Exam 1</b> Topics cover Sections 10.3 - 11.5	Exam will take place in person during regular class time	
		11.6	Absolute Convergence, Ratio & Root Tests	
		11.6	Absolute Convergence, Ratio & Root Tests	

14	Nov 22 - 26	11.8	Power Series	Skills Test 2nd attempt is TBA. <b>Last day to take last attempt is TBA</b>
		<b>No class</b>	<b>Thanksgiving Break</b>	
		<b>No class</b>	<b>Thanksgiving Break</b>	
15	Nov 29 - Dec 3 ( <b>Withdraw Deadline</b> - Monday, November 29)	11.9 (Video)	Representing Functions as a Power Series	
		11.9 (video)	Differentiation & Integration of a Power Series	
		11.10	Taylor Series	
16	Dec 6-10	11.10	More Taylor Series	
		11.11	Taylor Polynomials	
		Review for Final		
17	Dec 13-17	<b>Final Exam on Date and Time Assigned by Registrar</b>	Final Exam covers all topics from the course but with focus on Sections 11.6 - 11.11	

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		10.4	Calculus Using Polar Coordinates	
2	Aug 30-Sep 3 ( <b>Add Deadline</b> - Monday, August 30)	10.4	More Calculus Using Polar Coordinates	
		11.1 (Video)	Sequences	
		11.1 & 11.2	Sequences & Infinite Series	
3	Sep 6-10 ( <b>Drop Deadline</b> - Thursday, September 9)	<b>No Class</b>	<b>Labor Day/Rosh Hashanah</b>	
		<b>No Class</b>		
		11.2	Infinite Series	
4	Sep 13-17	11.3 (Video)	Integral Test	Skills Test: First Attempt TBA. <b>Last day to take last attempt is TBA.</b>
		11.4	Comparison Tests	
		11.5	Alternating Series	Skills Test: Second Attempt TBA. <b>Last day to take last attempt is TBA.</b>

5	Sep 20-24	Review	Exam will take place in person during regular class time	None
		<b>Exam 1</b> Topics cover Sections 10.3 - 11.5		
		11.6		
6	Sep 27-Oct 1 <b>(Withdraw Deadline - Friday, October 1)</b>	11.6	Absolute Convergence, Ratio & Root Tests	
		11.8	Power Series	
		11.9 (Video)	Representing Functions as a Power Series	
7	Oct 4-8	11.9 (video)	Differentiation & Integration of a Power Series	
		11.10	Taylor Series	
		11.10	More Taylor Series	
8	Oct 11-15	11.11	Taylor Polynomials	
		Review for Final		
		<b>No class</b>	<b>Fall Break</b>	
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