

## Weekly schedule Spring 2019

### Math 225/226

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.

Week	Dates	Sections	Topics	
1	January 21-25		<b>Martin Luther King Day</b>	Basic Skills Tests
		3.7	Optimization	
		3.7	More Optimization	
2	January 28-Feb. 1 (Add Deadline is Monday, 1/28)	3.9	Antiderivatives	
		Appendix E and 4.1	Summation Notation; Areas and Distances	
		4.2	Definite Integrals	
3	February 4-8 (Drop Deadline is Monday, 2/4)	3.2 and 4.3	Mean Value Theorem and Fundamental Theorem of Calculus	
		4.3	Fundamental Theorem	
		4.3	Fundamental Theorem	
4	February 11-15	4.4	Indefinite Integrals; Net Change Theorem	
		4.5	Substitution Theorem	
		4.5	More Substitution	
5	February 18-22	Review for Exam 1 on Sections 3.2, 3.7, 3.9, and 4.1 through 4.5		Skills Test 3, 2nd or 3rd attempt. <b>You have until Friday Feb. 22 to take both 2nd and 3rd attempts.</b>
		Exam 1	All Exams in Class	
		5.1	Area Between Curves	
6	Feb. 25-March 1 (Withdrawal Deadline is Thursday, 2/28)	5.1	More Area Between Curves	Skills Test 4 starts Monday, February 25, covering substitution rule and area between curves. <b>The last day to take 1st attempt is Fri. March 1</b>
		5.2	Volumes (Disks/Washers)	
		5.3	Volume by Cylindrical Shells	
7	March 4-8	5.2 and 5.3	Review of Volumes	Skills Test 4, 2nd or 3rd attempt. <b>You have until Tues. March 12 to take both 2nd and 3rd attempts.</b>
		5.5	Average Value of a Function	
		Review (Optimization and Riemann Sums)		
8	March 11-15	Review (Integration) - last day class		Last Day for Skills Test 4
		Final exam covering all topics but with a focus on sections 5.1-5.3, and 5.5	All exams in class	None
		Math 225 is over. Math 226 to begins Monday, March 25		

### Math 226 Begins

Last update: 2019/04/05 05:07  
 calculus:math\_225:weekly\_schedule\_spring2019http://www2.math.binghamton.edu/p/calculus/math\_225/weekly\_schedule\_spring2019

9	March 25-29 (Add Deadline is Friday, 3/29)	6.1	Inverses of Functions	None
		6.2*	The Logarithm Function	
		6.2* and 6.3*	More Logarithm Function; The Exponential Function	
10	April 1-5 (Drop Deadline is Friday, 4/5)	6.3*	More Exponential Function	
		6.4*	General Exponential and Logarithmic Functions	
		6.4* and 6.5	General Exponential and Logarithmic Functions; Growth and Decay	
11	April 8-12	6.5	Exponential Growth and Decay	
		6.6	Inverses of Trigonometric Functions	
		6.8	Indeterminate Forms & L'Hospital's Rule	
12	April 15-19	7.1	Integration by Parts	
		7.2	Trigonometric Integrals	
		Easter Break		
13	April 22-26	Review for Exam 1 on sections 6.1 through 7.1		2nd attempt for Basic Skills Test can be taken April 22 - April 26
		Exam 1	All Exams in Class	
		7.3	Inverse Trigonometric Substitution	Last day for Basic Skills Test
14	April 29-May 3 (Withdrawal Deadline is Monday, 4/29)	7.4	Integration of Rational Functions & Partial Fractions	None
		7.8	Improper Integrals	
		8.1	Arc Length	
15	May 6-10	8.2	Area of a Surface of Revolution	
		10.1	Curves Defined Parametrically	
		10.2	Calculus with Parametric Curves; Last Day of Class	
15	May 13-17	Final Exam Period; Exam at Time and Date TBA; Check BU Brain for your section's room; Final exam will cover all topics with a focus on sections 7.2-7.4, 7.8, 8.1-8.2, 10.1-10.2		

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