Week Number	LECTURE MATERIAL	ASSIGNMENT
1		
JAN 18	**2.1: A Preview of Calculus** **2.2: The Limit of a Function**	**WebAssign HW1 and HW2 due Jan 27 by 11:59pm**
2		
JAN 23	**2.3: The Limit Laws** **Mini-Project 1 Discussion**	**WebAssign HW3 due Feb 3 by 11:59pm**
JAN 25	**2.4: Continuity** **Mini-Project 1 Discussion**	**WebAssign HW4 due Feb 3 by 11:59pm**
3		
JAN 30	**3.1:Defining the Derivative** **3.2:The Derivative as a Function**	**WebAssign HW5 and HW6 due Feb 10 by 11:59pm** **Mini-project 1 due in class**
FEB1	**3.3: Differentiation Rules** **Mini-Project 2 Discussion**	**WebAssign HW7 due Feb 10 by 11:59pm**
4		
FEB 6	**3.4:Derivatives as Rates of Change** **3.5: Derivatives of Trigonometric Functions**	**WebAssign HW 8 and HW9 due Feb 17 by 11:59pm**
FEB8	**3.6: The Chain Rule** **Mini-Project 2 Discussion**	**WebAssign HW10 due Feb 17 by 11:59pm**
5		
FEB 13	**3.7: Derivatives of Inverse Functions** **3.8: Implicit Differentiation (Part 1)**	**WebAssign HW11 due Feb 24 by 11:59pm** **Mini-Project 2 due in class**
FEB 15	**3.8:Implicit Differentiation (Part 2)** **3.9: Derivatives of Exponential and Logarithmic Functions**	**WebAssign HW12 and HW13 due Feb 24 by 11:59pm**
6		
FEB 20	**4.1:Related Rates** **Test 1 Review**	**WebAssign HW14 due Mar 3 by 11:59pm**

Week Number	LECTURE MATERIAL	ASSIGNMENT
FEB 22	**Test 1 Covers 2.1 through 3.9**	
7		
FEB 27	**4.2:Linear Approximations and Differentials** **4.3:Maxima and Minima (Part 1)**	**WebAssign HW15 due Mar 10 by 11:59pm**
MAR 1	**4.3:Maxima and Minima (Part 2)** **4.4:The Mean Value Theorem** **Mini-project 3 discussion**	**WebAssign HW16 and HW17 due Mar 10 by 11:59pm**
8		
MAR 6	**4.5:Derivatives and the Shape of a Graph** **Mini-project 3 discussion**	**WebAssign HW18 due Mar 17 by 11:59pm**
MAR 8	**4.6:Limits at Infinity and Asymptotes**	**WebAssign HW19 due Mar 17 by 11:59pm** **Mini-project 3 due in class**
9		
Spring Break College Closed March 13-19, 2016		
10		
MAR 20	**4.7: Applied Optimization Problems**	**WebAssign HW20 due Mar 31 by 11:59pm**
MAR 22	**4.8:L'Hôpital's Rule** **4.9:Newton's Method**	**WebAssign HW21 and HW22 due Mar 31 by 11:59pm**
11		
MAR 27	**4.10: Antiderivatives** **Test 2 Review**	**WebAssign HW23 due April 7 by 11:59pm**
MAR 29	**Test 2 Covers 4.1 through 4.9**	
12		
APRIL3	**5.1:Approximating Areas** **Mini-project 4 discussion**	**WebAssign HW24 due April 14 by 11:59pm**

Week Number	LECTURE MATERIAL	ASSIGNMENT
APRIL 5	**5.2: The Definite Integral** **Mini-project 4 discussion**	**WebAssign HW25 due April 14 by 11:59pm**
13		
APRIL 10	**5.3:The Fundamental Theorem of Calculus**	**WebAssign HW26 due April 21 by 11:59pm** **Mini-project 4 due in class**
APRIL 12	**5.5: Substitution**	**WebAssign HW27 due April 21 by 11:59pm**
14		
APRIL 17	**5.6:Integrals Involving Exponential and Logarithmic Functions** **Final Presentation Discussion**	**WebAssign HW28 due April 28 by 11:59pm**
APRIL 19	**5.7: Integrals Resulting in Inverse Trigonometric Functions** **Final Presentation Discussion**	**WebAssign HW29 due April 28 by 11:59pm**
15		
APRIL 24	**6.1: Areas between Curves** **Test 3 Review**	**WebAssign HW30 due May5 by 11:59pm**
APRIL 26	**Test 3 Covers 4.10 through 5.7**	
16		
MAY 1	**Final Exam Review and Final Presentation Preparation**	
MAY 3	**Student Presentations**	
17		
The Final Exam is on May 8, 2017 from 8 to 9:50am. **The final exam is comprehensive.**		