Math 180 + Math 18

MW 9:30am-12:50pm

Note: The table below shows which Math 180 packets (1, 2, etc.) and Math 18 worksheets (W1, W2, etc.) will tentatively be covered in class. See class website for due dates.

Week	Monday		Wednesday	
1	Feb 24	Registration, Syllabus, W1, 1	Feb 26	1
2	Mar 2	W2, 2	Mar 4	W3, 3
3	Mar 9	3, W4	Mar 11	4, **Math 180 - Quiz #1** **Scavenger Hunt due**
4	Mar 16	5 (Video)	Mar 18	**CLASS CANCELED**
5	Mar 23	**CLASS CANCELED**	Mar 25	**CLASS CANCELED**
6	Mar 30	W6, 6	Apr 1	W7, 7, W8
7	Apr 6	8, 9, Review	Apr 8	**Math 180 - Test #1**
8	Apr 13	W10, 10, 11	Apr 15	12, 13
9	Apr 20	W14, 14, W15	Apr 22	15, **Math 180 - Quiz #2**
10	Apr 27	16, 17	Apr 29	W18, 18, 19
11	May 4	20, 21, Review	May 6	**Math 180 - Test #2**
12	May 11	22, W23	May 13	23, 24
13	May 18	25, W26	May 20	**Math 180 - Quiz #3** 26
14	May 25	**NO SCHOOL**	May 27	**Math 180 - Test #3**
15	Jun 1	27, Review	Jun 3	**Math 18 - Take-Home Final Exam due** Review
16	Jun 8	**NO CLASS**	Jun 10	**MATH 180 - FINAL EXAM** **7:30am-10:00am**

Last day to drop with an EW June 2, 2020 (Tuesday)

Here's a table of contents for the packets.
The sections of the book that are covered by each packet are listed.

Packet	Book Section(s)	Topic(s)
1	parts of 2.2, 2.6	Limits (Visual)
2	parts of 2.2, 2.3, 2.6	Limits (Numeric and Algebraic)
3	2.5	Continuity
4	parts of 2.1, 2.7, 2.8	Definition of the Derivative
5	parts of 3.1, 3.3, 3.5, 3.6, 3.11	Derivative Shortcuts
6	parts of 3.4, 3.6, 3.11	The Chain Rule
7	3.7	Applications: Rates of Change
8	3.5 and part of 3.6	Implicit and Logarithmic Differentiation
9	3.9	Related Rates
10	parts of 3.1, 3.3, 3.5, 3.6	Proving Derivatives
11	3.10	Linear Approximations and Differentials
12	4.8	Applications: Newton's Method
13	4.4	L'Hospital's Rule
14	parts of 4.1, 4.3	First Derivatives and Graphs
15	parts of 4.3	Second Derivatives and Graphs
16	4.5	Graphing using Calculus
17	4.1	Absolute Extrema & Extreme Value Theorem
18	4.7	Optimization Problems
19	4.9 and parts of 5.4	Antiderivatives and Indefinite Integrals
20	5.5	Substitution
21	7.1	Integration by Parts
22	5.1	The Area Problem
23	5.2	The Definite Integral
24	5.3 and parts of 5.4	The Fundamental Theorem of Calculus
25	parts of 5.5, 7.1	Substitution and Integration by Parts (Again)
26	2.4	The Precise Definition of a Limit
27	4.2	The Mean Value Theorem
28	Appendix G	The Logarithm Defined as an Integral
29	3.8	Exponential Grown and Decay