MA 113
Course Calendar
Spring 2019

A, B, C, and D assignments are Webwork.
WA1, WA2, etc are written assignments.
Recitation Quiz dates are listed with topics.

Date		**Topic**	**Due dates**
Wed, Jan 9		Intro to MA 113 and §1.1 – 1.3, 1.5 Functions and Inverses	
Thu, Jan 10		Worksheet 1	
Fri, Jan 11		§1.4-1.5 Exponential and Logarithmic functions	
Mon, Jan 14		Appendix D and §1.5: Trig and Inverse Trig	
Tue, Jan 15		Worksheet 2	
		Last Day to Add	
Wed, Jan 16		Appendix D and §1.5: Trig and Inverse Trig (continued)	A1
Thu, Jan 17		Worksheet 3, Quiz 1	
Fri, Jan 18		§2.1 Average and Instantaneous Velocity	A2, WA1
Mon, Jan 21		No Class: Martin Luther King, Holiday	
Tue, Jan 22		Worksheet 4	
Wed, Jan 23		§2.2 Limit of a Function	A3
Thu, Jan 24		Worksheet 5, Quiz 2	
Fri, Jan 25		§2.3 Limit Laws	A4, WA2
Mon, Jan 28		§2.5 Continuity	
Tue, Jan 29		Worksheet 6	A5
Wed, Jan 30		§2.6 Limits at Infinity, Horizontal Asymptotes	A6
Thu, Jan 31		Worksheet 7, Quiz 3	
Fri, Feb 1		Review	A7
Mon, Feb 4		Review	
Tue, Feb 5		Worksheet 8	
		Exam 1 5-7pm Room TBA	
Wed, Feb 6		§2.7 Derivatives (Tangents, Velocities, and Derivatives only)	
Thu, Feb 7		Worksheet 9	
Fri, Feb 8		§2.8 The Derivative as a Function	B1
Mon, Feb 11		§3.1 Derivatives of Polynomials and Exponentials	
Tue, Feb 12		Worksheet 10	
Wed, Feb 13		§3.2 Product and Quotient Rule	B2
Thu, Feb 14		Worksheet 11, Quiz 4	
Fri, Feb 15		§3.3 Derivatives of Trig Functions	B3, WA3
Mon, Feb 18		§3.4 Chain Rule	
Tue, Feb 19		Worksheet 12	B4
Wed, Feb 20		§3.5 Implicit Diff'n and Diff'n of Inverse Functions, Problem 77(a)	B5
Thu, Feb 21		Worksheet 13, Quiz 5	
Fri, Feb 22		§3.6 Derivatives of Logarithms and e as a Limit (without logarithmic diff'n)	B6, WA4
Mon, Feb 25		§3.7 Rates of Change in Sciences (Focus on Ex 1,3,6,8)	
Tue, Feb 26		Worksheet 14	B7
Wed, Feb 27		§3.9 Related Rates	B8
Thu, Feb 28		Worksheet 15, Quiz 6	
Fri, Mar 1		Review	B9
Mon, Mar 4		Review	
Tue, Mar 5		Worksheet 16	
		Exam 2 5-7pm Room TBA	

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Date		**Topic**	**Due dates**
Wed, Mar 6		§3.8 Exponential Growth and Decay	
Thu, Mar 7		Worksheet 17	
Fri, Mar 8		§4.1 Maximum and Minimum Values	
Mar 11-15		**Spring Break, No Classes**	
Mon, Mar 18		§4.2 The Mean Value Theorem	C1
Tue, Mar 19		Worksheet 18	
Wed, Mar 20		§4.3 How Derivatives Affect the Shape of a Graph	C2
Thu, Mar 21		Worksheet 19, Quiz 7	
Fri, Mar 22		§4.4 L'Hopital's Rule (without differences and powers)	C3, WA5
Mon, Mar 25		§4.7 Optimization Problems	
Tue, Mar 26		Worksheet 20	
Wed, Mar 27		§4.7 Optimization Problems	C4
Thu, Mar 28		Worksheet 21, Quiz 8	
Fri, Mar 29		§4.9 Anti-Derivatives	C5, WA6
Fri, Mar 29		*Last day to withdraw*	
Mon, Apr 1		§5.1 Areas and Distances	
Tue, Apr 2		Worksheet 22	C6
Wed, Apr 3		§5.2 The Definite Integral	C7
Thu, Apr 4		Worksheet 23, Quiz 9	
Fri, Apr 5		Review	C8
Mon, Apr 8		Review	
Tue, Apr 9		Worksheet 24	
		Exam 3 5-7pm Room TBA	
Wed, Apr 10		§5.3 The Fundamental Theorem of Calculus, Part 1	
Thu, Apr 11		Worksheet 25	
Fri, Apr 12		§5.3 The Fundamental Theorem of Calculus, Part 2	
Mon, Apr 15		§5.4 Indefinite Integrals and Net Change	D1
Tue, Apr 16		Worksheet 26	
Wed, Apr 17		§5.5 Substitution method	
Thu, Apr 18		Worksheet 27	D2
Fri, Apr 19		§3.10 Linear Approximation (without differentials)	
Mon, Apr 22		Handout: Higher Order Approximation	D3
Tue, Apr 23		Worksheet 28, Quiz 10	
Wed, Apr 24		Review	D4
Thu, Apr 25		Worksheet 29	
Fri, Apr 26		Review	
Wed, May 1		**Final Exam, TBA**	