Math 170 · Calculus I Tentative Course Schedule · Spring 2020

Monday	Tuesday	Wednesday	Friday
Jan 13 Course Introduction	Jan 14 § 0.1: Functions	Jan 15 § 0.2: New Functions from Old	Jan 17 § 0.3: Families of Functions
Jan 20 No Class - MLK Day	Jan 21 § 0.4: Inverse Functions	Jan 22 § 0.5: Exponential and Logarithmic Functions	Jan 24 *Quiz* § 1.1: Limits, An Intuitive Approach (1)
Jan 27 § 1.1: Limits, An Intuitive Approach (2)	Jan 28 § 1.2: Computing Limits (1)	Jan 29 § 1.2: Computing Limits (2)	Jan 31 *Quiz* § 1.3: Limits at Infinity (1)
Feb 3 § 1.3: Limits at Infinity (2) § 1.5: Continuity (1)	Feb 4 § 1.5: Continuity (2)	Feb 5 § 1.6: Limits of Trig Functions (1)	Feb 7 *Quiz* § 1.6: Limits of Trig Functions (2)
Feb 10 § 2.1: Rates of Change § 2.2: The Derivative (1)	Feb 11 § 2.2: The Derivative (2)	Feb 12 § 2.3: Techniques of Differentiation	Feb 14 Exam 1
Feb 17 § 2.4: The Product and Quotient Rules	Feb 18 § 2.5: Derivatives of Trig Functions (1)	Feb 19 *ED* § 2.5: Derivatives of Trig Functions (2)	Feb 21 § 2.6: The Chain Rule (1)
Feb 24 § 2.6: The Chain Rule (2)	Feb 25 § 3.1: Implicit Differentiation (1)	Feb 26 § 3.1: Implicit Differentiation (2)	Feb 28 § 3.2: Derivatives of Logarithmic Functions
Spring Break			
Mar 9 § 3.3: Derivatives of Exponential & Inverse Trig Functions	Mar 10 § 3.4: Related Rates (1)	Mar 11 § 3.4: Related Rates (2)	Mar 13 Exam 2
Mar 16 § 3.5: Local Linear Approximation	Mar 17 § 3.6: L'Hôpital's Rule; Indeterminate Forms (1)	Mar 18 § 3.6: L'Hôpital's Rule; Indeterminate Forms (2)	Mar 20 § 3.6: L'Hôpital's Rule; Indeterminate Forms (3)
Mar 23 § 4.1: Increase, Decrease, Concavity	Mar 24 § 4.2: Relative Extrema, Graphing Polynomials (1)	Mar 25 § 4.2: Relative Extrema, Graphing Polynomials (2)	Mar 27 § 4.3: Rational Functions (1)
Mar 30 § 4.3: Rational Functions (2)	Mar 31 Advising day	Apr 1 § 4.4: Absolute Extrema (1)	Apr 3 § 4.4: Absolute Extrema (2)
Apr 6 § 4.5: Applied Max/Min Problems (1)	Apr 7 § 4.5: Applied Max/Min Problems (2)	Apr 8 § 4.7: Newton's Method	Apr 10 No Class: Easter Break
Apr 13 No Class: Easter Break	Apr 14 *Last day to withdraw* § 5.1: An Overview of the Area Problem	Apr 15 Exam 3	Apr 17 § 5.2: The Indefinite Integral
Apr 20 § 5.3: Integration by Substitution (1)	Apr 21 § 5.3: Integration by Substitution (2)	Apr 22 § 5.5: The Definite Integral	Apr 24 § 5.6: The Fundamental Theorem of Calculus
Apr 27 § 5.9: Evaluating Definite Integrals by Substitution (1)	Apr 28 § 5.9: Evaluating Definite Integrals by Substitution (2)	Apr 29 § 5.9: Evaluating Definite Integrals by Substitution (3)	May 1 Exam 4
		Wednesday May 6th	Final Exam 08:00 - 10:00