

MATH 170 · CALCULUS I TENTATIVE COURSE SCHEDULE · SPRING 2019

Monday	Tuesday	Wednesday	Friday
Jan 14 Course Introduction	Jan 15 § 0.1: Functions	Jan 16 § § 0.2: New Functions from Old	Jan 18 § 0.3: Families of Functions
Jan 21 No Class	Jan 22 § 0.4: Inverse Functions	Jan 23 § 0.5: Exponential and Logarithmic Functions	Jan 25 § 1.1: Limits, An Intuitive Approach (1)
Jan 28 § 1.1: Limits, An Intuitive Approach (2)	Jan 29 § 1.2: Computing Limits (1)	Jan 30 Classes Canceled Cold Weather	Feb 1 § 1.3: Limits at Infinity (1)
Feb 4 § § 1.3: Limits at Infinity (2) § 1.5: Continuity (1)	Feb 5 § 1.5: Continuity (2)	Feb 6 § 1.6: Limits of Trig Functions (1)	Feb 8 § 1.6: Limits of Trig Functions (2)
Feb 11 § 2.1: Rates of Change § 2.2: The Derivative (1)	Feb 12 § 2.2: The Derivative (2)	Feb 13 § 2.3: Techniques of Differentiation	Feb 15 EXAM 1
Feb 18 § 2.4: The Product and Quotient Rules	Feb 19 § 2.5: Derivatives of Trig Functions	Feb 20 § 2.6: The Chain Rule (1)	Feb 22 § 2.6: The Chain Rule (2)
Feb 25 § 3.1: Implicit Differentiation (1)	Feb 26 § 3.1: Implicit Differentiation (2)	Feb 27 § 3.2: Derivatives of Logarithmic Functions	Mar 1 § 3.3: Derivatives of Exponential & Inverse Trig Functions
Spring Break			
Mar 11 § 3.4: Related Rates (1)	Mar 12 § 3.4: Related Rates (2)	Mar 13 § 3.5: Local Linear Approximation	Mar 15 EXAM 2
Mar 18 § 3.6: L'Hôpital's Rule; Indeterminate Forms (1)	Mar 19 § 3.6: L'Hôpital's Rule; Indeterminate Forms (2)	Mar 20 § 3.6: L'Hôpital's Rule; Indeterminate Forms (3)	Mar 22 § 4.1: Increase, Decrease, Concavity
Mar 25 § 4.2: Relative Extrema, Graphing Polynomials (1)	Mar 26 § 4.2: Relative Extrema, Graphing Polynomials (2)	Mar 27 § 4.3: Rational Functions (1)	Mar 29 § 4.3: Rational Functions (2)
Apr 1 § 4.4: Absolute Extrema	Apr 2 Advising day	Apr 3 § 4.5: Applied Max/Min Problems (1)	Apr 5 § 4.5: Applied Max/Min Problems (2)
Apr 8 § 4.6: Rectilinear Motion	Apr 9 § 4.7: Newton's Method	Apr 10 EXAM 3	Apr 12 <i>Last day to withdraw</i> § 5.1: An Overview of the Area Problem
Apr 15 § 5.2: The Indefinite Integral (1)	Apr 16 § 5.2: The Indefinite Integral (2)	Apr 17 § 5.3: Integration by Substitution (1)	Apr 19 No Class: Easter Break
Apr 22 No Class: Easter Break	Apr 23 § 5.3: Integration by Substitution (2)	Apr 24 § 5.5: The Definite Integral	Apr 26 § 5.6: The Fundamental Theorem of Calculus
Apr 29 § 5.9: Evaluating Definite Integrals by Substitution (1)	Apr 30 § 5.9: Evaluating Definite Integrals by Substitution (2)	May 1 § 5.9: Evaluating Definite Integrals by Substitution (3)	May 3 EXAM 4
		Wednesday May 8th	FINAL EXAM 1:00 - 3:00