

## MATH 171 · CALCULUS II TENTATIVE COURSE SCHEDULE · SPRING 2019

Monday	Tuesday	Wednesday	Friday
Jan 14 §§ 5.2 - 5.6: Integration Review (1) Assessment	Jan 15 §§ 5.2 - 5.6: Integration Review (2)	Jan 16 § 5.9: Definite Integrals by Substitution	Jan 18 § 3.6: L'Hopital's Rule
Jan 21 No Class	Jan 22 § 5.4: Sigma Notation (1)	Jan 23 § 5.4: Sigma Notation (2)	Jan 25 § 6.1: Area Between Two Curves (1)
Jan 28 § 6.1: Area Between Two Curves (2)	Jan 29 § 6.2: Volumes by Slicing	Jan 30 Classes Canceled Cold Weather	Feb 1 § 6.3: Volumes by Cylindrical Shells
Feb 4 §§ 6.2, 6.3: Volumes	Feb 5 § 6.6: Work (1)	Feb 6 § 6.6: Work (2)	Feb 8 § 7.1: Overview of Integration
Feb 11 § 7.2: Integration by Parts (1)	Feb 12 § 7.2: Integration by Parts (2)	Feb 13 § 7.3: Trigonometric Integrals	Feb 15 <b>EXAM 1</b>
Feb 18 § 7.4: Trig Substitutions (1)	Feb 19 § 7.4: Trig Substitutions (2)	Feb 20 § 7.5: Partial Fractions (1)	Feb 22 § 7.5: Partial Fractions (2)
Feb 25 § 7.6: Integral Tables § 7.7: Numerical Integration (1)	Feb 26 Chap 7: Integration Review II	Feb 27 § 7.7: Numerical Integration (2)	Mar 1 § 7.8: Improper Integrals (1)
Spring Break			
Mar 11 § 7.8: Improper Integrals (2)	Mar 12 § 8.1: Modeling with Differential Equations (1)	Mar 13 § 8.1: Modeling with Differential Equations (2)	Mar 15 § 8.2: Introduction to Differential Equations
Mar 18 § 8.4: First-Order Differential Equations (1)	Mar 19 § 8.4: First-Order Differential Equations (2)	Mar 20 - REVIEW -	Mar 22 § Slope Fields; Differential Equations
Mar 25 § 9.1: Sequences	Mar 26 <b>EXAM 2</b>	Mar 27 § 9.2: Monotone Sequences	Mar 29 § 9.3: Infinite Series (1)
Apr 1 § 9.3: Infinite Series (2)	Apr 2 No Class: Advising Day	Apr 3 § 9.3: Infinite Series (3)	Apr 5 § 9.4: Convergence Tests (1)
Apr 8 § 9.4: Convergence Tests (2)	Apr 9 § 9.5: Comparison and Ratio Tests (1)	Apr 10 § 9.5: Comparison and Ratio Tests (2)	Apr 12 <i>Last day to withdraw</i> § 9.5: Comparison and Ratio Tests (3)
Apr 15 § 9.6: Alternating Series (1)	Apr 16 § 9.6: Alternating Series (2)	Apr 17 § 9.6: Alternating Series (3)	Apr 19 No Class: Easter
Apr 22 No Class: Easter	Apr 23 - REVIEW -	Apr 24 § 9.7: Taylor Polynomials	Apr 26 § 9.8: Taylor Series Power Series (1)
Apr 29 § 9.8: Taylor Series Power Series (2)	Apr 30 § 9.10: Differentiating and Integrating Series	May 1 - REVIEW -	May 3 <b>EXAM 3</b>
		Wednesday May 8	<b>FINAL EXAM 08:00 - 10:00</b>