

Elementary Calculus II (Fall 2017 dates)

Textbook: Larson & Edwards, *Calculus*, 10th Edition (eBook with WebAssign bundle)

NOTE: this schedule is subject to change.

Classes	Sections / Topics / Test
#1: Mon, Aug 28	TEST #0: Calculus I Review
#2: Wed, Aug 30	5.3 Inverse Functions
Mon, Sep 4: no class	5.6 Inverse Trigonometric Functions and Differentiation
#3: Wed, Sep 6	5.7 Inverse Trigonometric Functions and Integration
#4: Mon, Sep 11	QUIZ #1 on Chapter 5
#5: Wed, Sep 13	GO OVER QUIZ #1
#6: Mon, Sep 18	7.1 Area of a region between two curves
Wed, Sep 20: no class	7.2 Volume: The Disc Method
#7: Mon, Sep 25	7.3 Volume: The Shell Method
#8: Wed, Sep 27	7.4 Arc Length and Surfaces of Revolution
#9: Mon, Oct 2	QUIZ #2 on Chapter 7, REVIEW of Chapters 5 and 7
#10: Wed, Oct 4	TEST #1 on Chapters 5 and 7
Mon, Oct 9: no class	8.1 Integration Review
#11: Wed, Oct 11	8.2 Integration by Parts
#12: Mon, Oct 16	8.3 Trigonometric Integrals
#13: Wed, Oct 18	8.4 Trigonometric Substitution
#14: Mon, Oct 23	QUIZ #3 on 8.1-8.4
#15: Wed, Oct 25	8.5 Partial Fractions
#16: Mon, Oct 30	4.6 Numerical Integration
#17: Wed, Nov 1	8.7 Indeterminate Forms and L'Hôpital's Rule
	8.8 Improper Integrals
#18: Mon, Nov 6	QUIZ #4 on 8.5, 4.6, 8.7, 8.8, REVIEW of Chapter 8
#19: Wed, Nov 8	TEST #2 on Chapter 8
#20: Mon, Nov 13	9.1 Sequences
#21: Wed, Nov 15	9.2 Series and Convergence
#22: Mon, Nov 20	9.3 The Integral Test and p-Series
#23: Wed, Nov 22	9.4 Comparisons of Series
#24: Mon, Nov 27	QUIZ #5 on 9.1-9.4
#25: Wed, Nov 29	9.5 Alternating Series
#26: Mon, Dec 4	9.6 The Ratio and Root Tests
	9.7 Taylor Polynomials
#27: Wed, Dec 6	QUIZ #6 on 9.5-9.7
#28: Mon, Dec 11	9.8 Power Series
	9.9 Representation of Functions by Power Series
	9.10 Taylor and MacLaurin Series