

Autumn Semester 2015

Math 1172 Calendar

Text: *Calculus for Scientists and Engineers: Early transcendentals* by Briggs et al., published by Pearson

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Aug 24th	25th First Day of Classes	26th 6.2 Regions Between Curves	27th Quiz 1 (6.2)	28th 6.3 Volume by Slicing
31st 6.4 Volume by Shells	Sep 1st	2nd 6.5 Length of Curves	3rd Quiz 2 (6.2 - 6.4) Homework 1	4th 6.7 Physical Applications
7th <hr/> Labor Day <hr/>	8th	9th 6.7 Physical Applications	10th Quiz 3 (6.5, 6.7)	11th 7.1 Basic Approaches to Integration
14th 7.2 Integration by Parts	15th	16th Review Homework 2 (6.5 - 7.2)	17th Midterm 1 7:05 - 8:00 PM (Sections 6.2 - 7.2)	18th 7.3 Trigonometric Integrals <small>Last Day to Drop Without a "W"</small>
21st 7.4 Trigonometric Substitutions	22nd	23rd 7.5 Partial Fractions	24th Quiz 4 (7.3, 7.4) Homework 3	25th 7.8 Improper Integrals
28th 9.1 Overview of Sequences and Series	29th	30th 9.2 Sequences	Oct 1st Quiz 5 (7.5, 7.8, 9.1) Homework 4	2nd 9.3 Series
5th 9.4 Divergence Test (and properties of convergent series)	6th	7th 9.5 Ratio Test	8th Quiz 6 (9.2 - 9.4) Homework 5	9th 10.1 Approximating Functions with Polynomials
12th 10.2 Properties of Power Series	13th	14th 10.3 Taylor Series	15th <hr/> Autumn Break <hr/>	16th <hr/> Autumn Break <hr/>

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
19th 10.4 Working with Taylor Series	20th	21st Review Homework 6 (9.5 - 10.4)	22nd Midterm 2 7:05 - 8:00 PM (Sections 7.3 - 10.4)	23rd 11.1 Parametric Equations
26th 11.2 Polar Equations	27th Students should read 11.4, pages 773-779(top)	28th 11.3 Calculus in Polar Coordinates	29th Quiz 7 (11.1, 11.2) Homework 7	30th 12.1, 12.2 Vectors in the Plane and in Three Dimensions <small>Last Day to Drop without Petitioning</small>
Nov 2nd 12.3 Dot Products	3rd	4th 12.4 Cross Products	5th Quiz 8 (11.3, 12.1 - 12.3) Homework 8	6th 12.5 Lines and Curves in Space
9th 12.6 Calculus of Vector-Valued Functions	10th	11th <hr/> Veteran's Day <hr/>	12th Quiz 9 (12.4 - 12.6)	13th 12.7 Motion in Space
16th 12.8 Length of Curves	17th Homework 9 (12.4 - 12.7)	18th 13.1 Planes and Surfaces	19th Quiz 10 (12.7, 12.8)	20th 13.2 Graphs and Level Curves
23rd 13.3 Limits and Continuity	24th	25th <hr/> Thanksgiving Break <hr/>	26th <hr/> Thanksgiving Day <hr/>	27th <hr/> Columbus Day observed <hr/>
30th 13.4 Partial Derivatives	Dec 1st	2nd Review	3rd Midterm 3 7:05 - 8:00 PM (Sections 11.1 - 13.4)	4th 13.5 The Chain Rule
7th 13.6 Directional Derivatives and the Gradient	8th Homework 10 (12.8 - 13.6)	9th Review Last Day of Classes	10th <hr/> Reading Day <hr/>	11th
14th	15th Final Exam 6:00 - 7:45 PM (cumulative)	16th	17th	18th