

MATH 2300 - Calculus III Tentative Calendar - FALL 2019

MONDAY	WEDNESDAY	FRIDAY
19-Aug 12.1 - 3D Coordinate Systems. 12.2 - Vectors	21-Aug 12.2 - Vectors. 12.3 - The Dot Product.	23-Aug 12.3 - The Dot Product. <i>INTRO HW DUE</i>
26-Aug 12.4 - The Cross Product <i>Last day to register, add or change sections</i>	28-Aug 12.5 - Equations of Lines and Planes <i>HW 1 DUE</i>	30-Aug 12.5 - Equations of Lines and Planes
2-Sep <i>Labor Day Holiday – NO CLASSES</i>	4-Sep 13.1 - Vector Functions and Space Curves 13.2 - Deriv. & Integrals of Vector Functions <i>HW 2 DUE</i>	6-Sep 13.2 - Wrap-Up 13.3 - Arc Length & Curvature
9-Sep 13.4 - Motion in Space - Velocity & Accel.	11-Sep 14.1 - Functions of Several Variables 14.3 - Partial Derivatives <i>HW 3 DUE</i>	13-Sep 14.3 - Partial Derivatives
16-Sep 14.4 - Tangent Planes & Linear Approx.	18-Sep Wrap-up/Review <i>HW 4 DUE</i>	20-Sep EXAM 1
23-Sep 14.5 - The Chain Rule <i>Last day to drop course without a grade</i>	25-Sep 14.6 - Directional Deriv. & the Gradient Vector <i>HW 5 DUE</i>	27-Sep 14.7 - Maximum & Minimum Values
30-Sep 14.8 - Lagrange Multipliers	2-Oct 15.1 - Double Integrals over Rectangles <i>HW 6 DUE</i>	4-Oct 15.1 - Double Integrals over Rectangles 15.2 - Double Integrals over General Regions
7-Oct 15.2 - Double Integrals over General Regions 15.3 - Double Integrals in Polar Coordinates	9-Oct 15.3 - Double Integrals in Polar Coordinates 15.4 - Applications of Double Integrals <i>HW 7 DUE</i>	11-Oct 15.5 - Surface area 15.6 - Triple Integrals
14-Oct 15.6 - Triple Integrals	16-Oct Wrap-up/Review <i>HW 8 DUE</i>	18-Oct EXAM 2
21-Oct 15.7 - Triple Int. in Cylindrical Coordinates 15.8 - Triple Int. in Spherical Coordinates	23-Oct 15.8 - Triple Int. in Spherical Coordinates 15.9 - Change of Variables in Mult. Integrals <i>HW 9 DUE</i>	25-Oct 15.10 - Change of Variables in Mult. Integrals
28-Oct 16.1 - Vector Fields 16.2 - Line Integrals	30-Oct 16.2 - Line Integrals 16.3 - The Fund. Theorem for Line <i>HW 10 DUE</i>	1-Nov 16.3 - The Fund. Theorem for Line Integrals
4-Nov 16.4 - Green's Theorem	6-Nov 16.4 - Green's Theorem 16.5 - Curl & Divergence <i>HW 11 DUE</i>	8-Nov 16.5 - Curl & Divergence
11-Nov 16.6 - Parametric Surfaces	13-Nov Wrap-up/Review <i>HW 12 DUE</i>	15-Nov EXAM 3
18-Nov 16.7 - Surface Integrals	20-Nov 16.7 - Surface Integrals 16.8 - Stokes' Theorem <i>HW 13 DUE</i>	22-Nov 16.8 - Stokes' Theorem
25-Nov	27-Nov	29-Nov
THANKSGIVING RECESS		
2-Dec 16.9 - Divergence Theorem <i>Last day to withdraw</i>	4-Dec Wrap-up/Review <i>HW 14 DUE</i>	6-Dec <i>Reading Day NO CLASSES</i>
THURSDAY DECEMBER 12, 2019 FINAL EXAM 8:00 - 10:00 PM Location TBA		