MATH 2300 - Calculus III
Tentative Calendar - FALL 2017

MONDAY	WEDNESDAY	FRIDAY
21-Aug	23-Aug	25-Aug
12.1 - 3D Coordinate Systems. 12.2 - Vectors	12.2 - Vectors. 12.3 - The Dot Product.	12.3 - The Dot Product. ***INTRO HW DUE***
28-Aug	30-Aug	1-Sep
12.4 - The Cross Product ***Last day to register, add or change sections***	12.5 - Equations of Lines and Planes ***HW 1 DUE***	12.5 - Equations of Lines and Planes
4-Sep	6-Sep	8-Sep
Labor Day Holiday – NO CLASSES	13.1 - Vector Functions and Space Curves 13.2 - Deriv. & Integrals of Vector Functions ***HW 2 DUE***	Wrap-Up 13.2 13.3 - Arc Length & Curvature
11-Sep	13-Sep	15-Sep
13.4 - Motion in Space - Velocity & Accel.	14.1 - Functions of Several Variables 14.3 - Partial Derivatives ***HW 3 DUE***	14.3 - Partial Derivatives
18-Sep	20-Sep	22-Sep
14.4 - Tangent Planes & Linear Approx.	Wrap-up/Review ***HW 4 DUE***	**EXAM 1**
25-Sep	27-Sep	29-Sep
14.5 - The Chain Rule ***Last day to drop course without a grade***	14.6 - Directional Deriv. & the Gradient Vector ***HW 5 DUE***	14.7 - Maximum & Minimum Values
2-Oct	4-Oct	6-Oct
14.8 - Lagrange Multipliers	15.1 - Double Integrals over Rectangles 15.2 - Iterated Integrals ***HW 6 DUE***	15.2 - Iterated Integrals 15.3 - Double Integrals over General Regions
9-Oct	11-Oct	13-Oct
15.3 - Double Integrals over General Regions	15.4 - Double Integrals in Polar Coordinates ***HW 7 DUE***	15.5 - Applications of Double Integrals 15.7 - Triple Integrals
16-Oct	18-Oct	20-Oct
15.7 - Triple Integrals	Wrap-up/Review ***HW 8 DUE***	**EXAM 2**
23-Oct	25-Oct	27-Oct
15.8 - Triple Int. in Cylindrical Coordinates 15.9 - Triple Int. in Spherical Coordinates	15.9 - Triple Int. in Spherical Coordinates 15.10 - Change of Variables in Mult. Integrals ***HW 9 DUE***	15.10 - Change of Variables in Mult. Integrals
30-Oct	1-Nov	3-Nov
16.1 - Vector Fields 16.2 - Line Integrals	16.2 - Line Integrals 16.3 - The Fund. Theorem for Line Integrals ***HW 10 DUE***	16.3 - The Fund. Theorem for Line Integrals
6-Nov	8-Nov	10-Nov
16.4 - Green's Theorem	16.4 - Green's Theorem 16.5 - Curl & Divergence ***HW 11 DUE***	16.5 - Curl & Divergence
13-Nov	15-Nov	17-Nov
16.6 - Parametric Surfaces	Wrap-up/Review ***HW 12 DUE***	**EXAM 3**
20-Nov	22-Nov	24-Nov
THANKSGIVING RECESS		
27-Nov	29-Nov	1-Dec
16.7 - Surface Integrals	16.7 - Surface Integrals 16.8 - Stokes' Theorem ***HW 13 DUE***	16.8 - Stokes' Theorem
4-Dec	6-Dec	8-Dec
16.9 - Divergence Theorem ***Last day to withdraw***	Wrap-up/Review ***HW 14 DUE***	***Reading Day NO CLASSES***
TUESDAY DECEMBER 12 , 2017		
FINAL 5:30 - 7:30 PM **Location TBA**		