Spring 2022 Schedule
All readings are in Apex Calculus, 4th Edition, Volume 3

Monday	Wednesday	Friday
This box is intentionally left blank.	1/26 **Welcome to Class!**	1/28 10.1-10.6 Review of Vectors **HW I is due by 3pm**
1/31 10.1-10.6 Review of Vectors	2/2 11.1-11.4 Vector-Valued Functions—**HW**	2/4 11.1-11.4 Vector-Valued Functions
2/7 11.5 Curvature	2/9 11.5 Curvature—**HW**	2/11 12.3, 12.6 Review of Derviatives in $\mathbb{R}^n$
2/14 2.6, 12.5 The Chain Rule	2/16 12.5 The Chain Rule—**HW**	2/18 12.7, 13.1, 13.2 Tangent Planes, Int. Review
2/21 9.4 Polar Coordinates	2/23 13.3 DI with Polar Coordinates—**HW**	2/25 9.5, Off the Grid Calculus, Polar Coordinates, and Change of Variables
2/28 Off the Grid Change of Variables	3/2 13.5 Double Integrals for SA—**HW**	3/4 13.5 Double Integrals for Surface Area
3/7 13.6 Triple Integration	3/9 13.6 Triple Integration—**HW**	3/11 13.7 Triple Integration
3/14 **Spring Break!**	3/16 **Spring Break!**	3/18 **Spring Break!**
3/21 14.1 Introduction to Line Integrals	3/23 **MAP Day** **Review in the PM, tbd**	3/25 **Exam I**
3/28 14.1, 14.2 Mainly Vector Fields	3/30 14.2 Vector Fields	4/1 14.2 Vector Fields
4/4 14.3 Line Integrals over VFs	4/6 14.3 Line Integrals over VFs—**HW**	4/8 Line Integrals over Vector Fields Green's Theorem
4/11 14.4 Green's Theorem	4/13 14.4 Divergence Theorem ($\mathbb{R}^2$) —**HW**	4/15 14.5 Parametrized Surfaces
4/18 14.5 Parametrized Surfaces	4/20 14.5 Parametrized Surfaces—**HW**	4/22 14.6 Surface Integrals
4/25 14.7 Divergence Theorem ($\mathbb{R}^3$)	4/27 14.6 Surface Integrals—**HW**	4/29 14.7 Divergence Theorem ($\mathbb{R}^3$)
5/2 14.7 Divergence Theorem ($\mathbb{R}^3$)	5/4 14.7 Stokes' Theorem	5/6 14.7 Stokes' Theorem—**HW**

The final will be given during the week of May 9th, formally on May 11th between 2-5pm in DDS 1313