

Tentative Class Calendar Spring 2017					Math 5C		MTWTh 9:30 - 10:35
<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday/Notes</i>		
Intro 12.1 3-D Coordinate Systems	12.1 (continued) 12.2 Vectors	12.2 (continued) 12.3 The Dot Product	12.3 (continued) 12.4 The Cross Product				
<i>23-Jan</i>	<i>24-Jan</i>	<i>25-Jan</i>	<i>26-Jan</i>	<i>27-Jan</i>	<i>28-Jan</i>		
12.4 (continued)	12.5 Equations of Lines and Planes	12.5 (continued)	12.6 Cylinder and Quadric Surfaces		Last day to drop w/out a "W" is Feb. 5. After that, class counts as an attempt.		
<i>30-Jan</i>	<i>31-Jan</i>	<i>1-Feb</i>	<i>2-Feb</i>	<i>3-Feb</i>	<i>4-Feb</i>		
12.6 (continued) 13.1 Vector Functions and Space Curves	13.1 (continued)	13.2 Derivatives and Integrals of Vector Functions	13.2 (continued)				
<i>6-Feb</i>	<i>7-Feb</i>	<i>8-Feb</i>	<i>9-Feb</i>	<i>10-Feb</i>	<i>11-Feb</i>		
Test 1	13.3 Arc Length and Curvature	13.3 (continued)	13.4 Velocity and Acceleration	Pres's Day Holiday			
<i>13-Feb</i>	<i>14-Feb</i>	<i>15-Feb</i>	<i>16-Feb</i>	<i>17-Feb</i>	<i>18-Feb</i>		
Pres's Day Holiday	13.4 (continued)	14.1 Functions of Several Variables	14.2 Limits and Continuity				
<i>20-Feb</i>	<i>21-Feb</i>	<i>22-Feb</i>	<i>23-Feb</i>	<i>24-Feb</i>	<i>25-Feb</i>		
14.3 Partial Derivatives	14.3 (continued) 14.4 Tangent Planes and Linear Approximations	14.4 (continued)	14.5 The Chain Rule				
<i>27-Feb</i>	<i>28-Feb</i>	<i>1-Mar</i>	<i>2-Mar</i>	<i>3-Mar</i>	<i>4-Mar</i>		
Test 2	14.5 (continued) 14.6 Directional Derivatives and the Gradient Vector	14.6 (continued)	14.7 Maximum and Minimum Values				
<i>6-Mar</i>	<i>7-Mar</i>	<i>8-Mar</i>	<i>9-Mar</i>	<i>10-Mar</i>	<i>11-Mar</i>		
14.7 (continued) 14.8 Lagrange Multipliers	14.8 (continued)	15.1 Double Integrals over Rectangles	15.1 (continued) 15.2 Iterated Integrals				
<i>13-Mar</i>	<i>14-Mar</i>	<i>15-Mar</i>	<i>16-Mar</i>	<i>17-Mar</i>	<i>18-Mar</i>		
Spring Break	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break		
<i>20-Mar</i>	<i>21-Mar</i>	<i>22-Mar</i>	<i>23-Mar</i>	<i>24-Mar</i>	<i>25-Mar</i>		
15.3 Double Integrals over General Regions	15.4 Double Integrals in Polar Coordinates	15.5 Applications of Double Integrals	15.6 Surface Area				
<i>27-Mar</i>	<i>28-Mar</i>	<i>29-Mar</i>	<i>30-Mar</i>	<i>31-Mar</i>	<i>1-Apr</i>		
Test 3	15.7 Triple Integrals	15.7 (continued) 15.8 Triple Integrals in Cylindrical Coordinates	15.8 (continued)				
<i>3-Apr</i>	<i>4-Apr</i>	<i>5-Apr</i>	<i>6-Apr</i>	<i>7-Apr</i>	<i>8-Apr</i>		
15.9 Triple Integrals in Spherical Coordinates	15.9 (continued) 15.10 Change of Variables in Multiple Integrals	15.10 (continued)	15.10 (continued)				
<i>10-Apr</i>	<i>11-Apr</i>	<i>12-Apr</i>	<i>13-Apr</i>	<i>14-Apr</i>	<i>15-Apr</i>		
16.1 Vector Fields	16.1 (continued) 16.2 Line Integrals	16.2 (continued)	16.3 The Fundamental Theorem for Line Integrals		Deadline to withdraw from class		
<i>17-Apr</i>	<i>18-Apr</i>	<i>19-Apr</i>	<i>20-Apr</i>	<i>21-Apr</i>	<i>22-Apr</i>		
Test 4	16.3 (continued) 16.4 Green's Theorem	16.4 (continued)	16.5 Curl and Divergence				
<i>24-Apr</i>	<i>25-Apr</i>	<i>26-Apr</i>	<i>27-Apr</i>	<i>28-Apr</i>	<i>29-Apr</i>		
16.5 (continued)	16.6 Parametric Surfaces and Their Areas	16.6 (continued) 16.7 Surface Integrals	16.7 (continued)				
<i>1-May</i>	<i>2-May</i>	<i>3-May</i>	<i>4-May</i>	<i>5-May</i>	<i>6-May</i>		
16.8 Stoke's Theorem	16.8 (continued) 16.9 The Divergence Theorem	16.9 (continued)	Review for Final Exam				
<i>8-May</i>	<i>9-May</i>	<i>10-May</i>	<i>11-May</i>	<i>12-May</i>	<i>13-May</i>		
Final Exam 7:00 - 9:50							
<i>12-Dec</i>	<i>13-Dec</i>	<i>14-Dec</i>	<i>15-Dec</i>	<i>16-Dec</i>	<i>17-Dec</i>		