Calendar for MA104 Spring 2009

			MA104 Spring 2009		As of: 12 NOV 2008
WEEK	**MONDAY**	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**
1	**5-Jan-09**	**6-Jan-09**	**7-Jan-09**	**8-Jan-09**	**9-Jan-09**
	Re-Organization Week	**Re-Organization Week**	**Re-Organization Week**	Lesson 1: Intro to Differential Calculus	Lesson 2: Limit of a Function (Review)
2	**12-Jan-09**	**13-Jan-09**	**14-Jan-09**	**15-Jan-09**	**16-Jan-09**
	Lesson 3: Continuity (Review)	Lesson 4: Derivatives and Rates of Change (Review)	Lesson 5: The Derivative as a Function	Lesson 6: Derivatives of Power, Exponential, and Log Functions	Lesson 7: The Product and Quotient Rules
3	**19-Jan-09**	**20-Jan-09**	**21-Jan-09**	**22-Jan-09**	**23-Jan-09**
	Lesson 8: Derivatives of Trig Functions	Lesson 9: The Chain Rule **(Issue CW Derivative HW)**	**No Class**	**Lesson 10: Derivative WRIT (In Class - 100Pts)**	Lesson 11: Maximum and Minimum Values of Functions
4	**26-Jan-09**	**27-Jan-09**	**28-Jan-09**	**29-Jan-09**	**30-Jan-09**
	Lesson 12: Derivatives and the Shapes of Curves	Lesson 13: Solving Optimization Problems 1	**No Class**	Lesson 14: Solving Optimization Problems 2	Lesson 15: Solving Optimization Problems 3
5	**2-Feb-09**	**3-Feb-09**	**4-Feb-09**	**5-Feb-09**	**6-Feb-09**
	Lesson 16: PSL 1	Lesson 17: Implicit Differentiation	No Class	Lesson 18: Problem Solving with Related Rates 1 **(Issue Part 1 of Project)**	Lesson 19: Problem Solving with Related Rates 2
6	**9-Feb-09**	**10-Feb-09**	**11-Feb-09**	**12-Feb-09**	**13-Feb-09**
	Lesson 20: Mathematical Dimensions	Lesoon 21: PSL 2	Lesson 22: Project Research Day (In-Class)	**Lesson 23: WPR 1 (Dean's Hour)**	No Class
7	**16-Feb-09**	**17-Feb-09**	**18-Feb-09**	**19-Feb-09**	**20-Feb-09**
	President's Day Holiday (No Class)	Lesson 24: WPR 1 AAR	**IT Lab: Soldering (NO graded events)**	**IT Lab: Soldering (NO graded events)**	Lesson 25: Parametric Equations 1
8	**23-Feb-09**	**24-Feb-09**	**25-Feb-09**	**26-Feb-09**	**27-Feb-09**
	Lesson 26: Parametric Equations 2 **(Part 1 of Project DUE)**	Lesson 27: Intro to Vectors and Vector Operations	Lesson 28: Advanced Vector Operations	Lesson 29: The Dot Product and its Applications	**Lesson 30: CME Bridge Building**
9	**2-Mar-09**	**3-Mar-09**	**4-Mar-09**	**5-Mar-09**	**6-Mar-09**
	Lesson 31: The Cross Product and its Applications	Lesson 32: Equations of Lines in Space	**IT Lab: Java Script (NO graded events)**	**IT Lab: Java Script (NO graded events)**	Lesson 33: PSL 3
10	**9-Mar-09**	**10-Mar-09**	**11-Mar-09**	**12-Mar-09**	**13-Mar-09**
	Lesson 34: Equations of Planes in Space	Lesson 35: PSL 4	**No Class**	Lesson 36: Vector Functions and their Derivatives	Lesson 37: Projectile Motion 1
11	**16-Mar-09**	**17-Mar-09**	**18-Mar-09**	**19-Mar-09**	**20-Mar-09**
	Spring Break	**Spring Break**	**Spring Break**	**Spring Break**	**Spring Break**
12	**23-Mar-09**	**24-Mar-09**	**25-Mar-09**	**26-Mar-09**	**27-Mar-09**
	Lesson 38: Technology Lab (Issue Part 2 of Project)	Lesson 39: Projectile Motion 2	Lesson 40: PSL 5	**Lesson 41: WPR 2 (Dean's Hour)**	No Class
13	**30-Mar-09**	**31-Mar-09**	**1-Apr-09**	**2-Apr-09**	**3-Apr-09**
	Lesson 42: WPR 2 AAR	Lesson 43: Functions of Several Variables	Lesson 44: Partial Derivatives 1	Lesson 45: Partial Derivatives 2	Lesson 46: Directional Derivatives
14	**6-Apr-09**	**7-Apr-09**	**8-Apr-09**	**9-Apr-09**	**10-Apr-09**
	Lesson 47: The Gradient	Lesson 48: PSL 6	**IT Lab: Graded Programming Lab**	**IT Lab: Graded Programming Lab**	Lesson 49: Extrema of Functions of Two Variables 1
15	**13-Apr-09**	**14-Apr-09**	**15-Apr-09**	**16-Apr-09**	**17-Apr-09**
	Lesson 50: Extrema of Functions of Two Variables 2	Lesson 51: Solving Multivariate Optimization Problems 1	**No Class**	Lesson 52: Solving Multivariate Optimization Problems 2	Lesson 53: Project Day
16	**20-Apr-09**	**21-Apr-09**	**22-Apr-09**	**23-Apr-09**	**24-Apr-09**
	Lesson 54: PSL 7	Lesson 55: Solving Multivariate Optimization Problems 3	Lesson 56: PSL 8	**Lesson 57: WPR 3 (Dean's Hour)**	No Class
17	**27-Apr-09**	**28-Apr-09**	**29-Apr-09**	**30-Apr-09**	**1-May-09**
	Lesson 58: WPR 3 AAR **(Project Written Report DUE)**	**IT Lab: Graded Programming Lab**	**IT Lab: Graded Programming Lab**	**Projects/Reading Day**	Lesson 59: Geometric Visualization of Optimization Problems
18	**4-May-09**	**5-May-09**	**6-May-09**	**7-May-09**	**8-May-09**
	Lesson 60: Project Briefs (In Class)	Lesson 61: Project Briefs (In Class)	Lesson 62: Estimations from Data/Functions (MA205 Link)	Lesson 63: Refining Estimates (MA205 Link)	Lesson 64: Review