Math 2413 – MW 8-10:15am – Spring 2019 – Course Calendar		
	Mon	**Wed**
Week 1	**1/14** **Syllabus and Class Information** **2.1-A Preview of Calculus**	**1/16** **2.2-The Limit of a Function** **2.3-The Limit Laws**
Week 2	**1/21** **Martin Luther King Day**	**1/23** **2.4-Continuity**
Week 3	**1/28** **3.1-Defining the Derivative**	**1/30** **3.2-The Derivative as a Function**
Week 4	**2/4** **3.3-Differentiation Rules**	**2/6** **3.5-Derivatives of Trigonometric Functions** **Review Exam 1**
Week 5	**2/11** **EXAM 1**	**2/13** **3.4-Derivatives as Rates of Change**
Week 6	**2/18** **3.6-The Chain Rule**	**2/20** **3.7-Derivatives of Inverse Functions**
Week 7	**2/25** **3.8-Implicit Differentiation** **3.9-Derivatives of Exp. and Log. Functions**	**2/27** **4.1-Related Rates**
Week 8	**3/4** **4.2-Linear Approximations and Differentials** **Review Exam 2**	**3/6** **EXAM 2**
	3/11 **Spring Break**	**3/13** **Spring Break**
Week 9	**3/18** **4.3-Maxima and Minima** **4.4-The Mean Value Theorem**	**3/20** **4.5-Derivatives and the Shape of a Graph**
Week 10	**3/25** **4.7-Applied Optimization Problems**	**3/27** **4.8-L'Hôpital's Rule**
Week 11	**4/1** **4.6-Limits at Infinity and Asymptotes** **4.9-Newton's Method**	**4/3** **Review Exam 3**
Week 12	**4/8** **EXAM 3**	**4/10** **4.10-Antiderivatives**
Week 13	**4/15** **5.1-Approximating Areas** **5.2-The Definite Integral**	**4/17** **5.3-The Fundamental Theorem of Calculus**
Week 14	**4/22** **5.5- u-Substitution**	**4/24** **5.6-Integrals Involving Exp. and Log. Functions** **5.7- Integrals Resulting in Inverse Trig Functions**
Week 15	**4/29** **6.1-Areas between Curves**	**5/1** **Review Final Exam**
Final	**The Comprehensive Final Exam is on Monday, May 6th from 8 to 9:50am.**	

Important due dates: All Homework Assignments before exam 1 are due by 7:59am the day of exam 1, 2/11. Extra Credit 1 is due at the beginning of class the day of exam 1, etc. Starting from third week of class, weekly quizzes are due right before class on Wednesdays.