Math 131 Spring 2017 Schedule

Monday	Wednesday	Friday
Jan 16th Martin Luther King Day (No Class)	18th **1** Functions Review	20th **2** 2.1 The Tangent and Velocity Problems
23rd **3** 2.2 The Limit of a Function	25th **4** 2.3 Limit Laws	27th **5** 2.5 Continuity
30th **6** 2.6 Limits at Infinity	Feb 1st **7** 2.7 Derivatives as Rates of Change	3rd **8** 2.7 Derivatives as Rates of Change
6th **9** Exam I Review	8th **10** 2.8 Derivatives as Functions	10th **11** 3.1 Derivatives of Polynomials and Exponentials
13th **12** 3.2 The Product and Quotient Rules	15th **13** 3.3 Derivatives of Trig Functions	17th **14** 3.4 The Chain Rule
20th **15** 3.4 The Chain Rule (cont'd)	22nd **16** 3.5 Implicit Differentiation	24th **17** 3.6 Derivatives of Logarithmic Functions
27th **18** 3.7 Rates in Natural and Social Sciences	Mar 1st **19** 3.8 Exponential Growth and Decay	3rd **20** 3.9 Related Rates
6th **21** Leeway and Exam II Review	8th **22** 3.10 Linear Approximation and Differentials	10th **23** 3.11 Hyperbolic Functions
13th Spring Break No Class	15th Spring Break No Class	17th Spring Break No Class

Monday	Wednesday	Friday
20th **24** 4.1 Maximum/Minimum Problems	22nd **25** 4.1 Maximum/Minimum Problems	24th **26** 4.2 The Mean Value Theorem
27th **27** 4.2 The Mean Value Theorem	29th **28** 4.3 Derivatives and Graphing	31st **29** 4.4 Indeterminate Forms
Apr 3rd **30** Leeway and Exam III Review	5th **31** 4.5 Curve Sketching	7th **32** 4.7 Optimization
10th **33** 4.8 Newton's Method	12th **34** 4.9 Antiderivatives	14th **35** 5.1 Areas and Distances
17th **36** 5.2 The Definite Integral	19th **37** 5.3 The Fundamental Theorem of Calculus	21st **38** 5.4 Indefinite Integral
24th **39** 5.5 Substitution	26th **40** 5.5 Substitution (cont'd)	28th **41** Leeway and Review

Test Dates

Exam I: Tuesday, February 7, 6:30-8:30
Exam II: Tuesday, March 7, 6:30-8:30
Exam III: Tuesday, April 4, 6:30-8:30
Final Exam: Thursday, May 4, 3:30-5:30