

Math 114 Calculus II
 Prof. Readdy
 Spring 2009
 Course Schedule

Week 1	Wed	Jan 14	3.11	Hyperbolic Functions
	Thurs	Jan 15	5.5	Substitution Rule (review in recitation)
	Fri	Jan 16	6.1	Area Between Curves
Week 2	Mon	Jan 19		HOLIDAY - MARTIN LUTHER KING DAY
	Wed	Jan 21	6.2	Volumes
	Fri	Jan 23	6.3	Volumes by Cylindrical Shells
Week 3	Mon	Jan 26	7.1	Integration by Parts
	Wed	Jan 28	7.2	Trig Integrals
	Fri	Jan 30	7.3	Trig Substitution
Week 4	Mon	Feb 2	7.4	Partial Fractions
	Wed	Feb 4	7.5	Integration Strategies
	Fri	Feb 6		CATCHUP/REVIEW
Week 5	Mon	Feb 9		REVIEW
	Wed	Feb 11		EXAM I 9:00 AM - 9:50 AM
	Fri	Feb 13	7.7	Numerical Integration
Week 6	Mon	Feb 16	7.7	Numerical Integration (cont'd)
	Wed	Feb 18	7.8	Improper Integrals
	Fri	Feb 20	8.1	Arc Length
Week 7	Mon	Feb 23	9.1	Modeling with Differential Eqns
	Wed	Feb 25	9.2	Direction Fields & Euler's Method
	Fri	Feb 27	9.3	Separable Equations
Week 8	Mon	Mar 2	9.4	Population Growth
	Wed	Mar 4	11.1	Sequences
	Fri	Mar 6		CATCHUP/REVIEW
Week 9	Mon	Mar 9		REVIEW
	Wed	Mar 11		EXAM II 9:00 AM - 9:50 AM
	Fri	Mar 13	11.1	Sequences (cont'd)
			11.2	Series
SPRING BREAK				
Week 10	Mon	Mar 23	11.2	Series (cont'd)
	Wed	Mar 25	11.3	Integral Test
	Fri	Mar 27	11.4	Comparison Tests

Week 11	Mon	Mar 30	11.5	Alternating Series
	Wed	Apr 1	11.6	Absolute Convergence; Ratio and Root Tests
	Fri	Apr 3	11.7	Strategies for Testing Series
Week 12	Mon	Apr 6	11.8	Power Series
	Wed	Apr 8	11.9	Representing Functions as Power Series
	Fri	Apr 10		CATCHUP/REVIEW
Week 13	Mon	Apr 13		REVIEW
	Wed	Apr 15		EXAM III 9:00 AM - 9:50 AM
	Fri	Apr 17	11.10	Taylor, Maclaurin Series and Binomial Theorem
Week 14	Mon	Apr 20	11.10	Taylor, Maclaurin Series and Binomial Theorem (cont'd)
	Wed	Apr 22	10.1	Parametric Equations
	Fri	Apr 24	10.2	Calculus with Parametric Curves
Week 15	Mon	Apr 27	10.3	Polar Coordinates
	Wed	Apr 29	10.4	Area & Polar Coordinates (omit Lengths)
	Fri	May 1		REVIEW
Week 16	Thurs	May 7		FINAL EXAM 10:30 AM - 12:30 PM

January 7, 2009