

Calendar for Ma 114: Calculus - Spring 2015

Lecture <i>Recitation</i>	Section	In-Class Activities	Due Dates
14-Jan	7.1	Integration by Parts	
15-Jan		Worksheet 1	
16-Jan	7.6	Improper Integrals	
19-Jan		MLK Day - Academic Holiday	
20-Jan		Worksheet 2	
21-Jan	10.1	Sequences	WW1, Last day to add a class or drop for 80% refund
22-Jan		Worksheet 3	
23-Jan	10.2	Summing an Infinite Series I	WW2
26-Jan	10.2	Summing an Infinite Series II	
27-Jan		Worksheet 4	
28-Jan	10.3	Series with Positive Terms	WW3
29-Jan		Worksheet 5	
30-Jan	10.4	Abs. & Cond. Convergence	WW4
2-Feb	10.5	Ratio and Root Test	
3-Feb		Worksheet 6	
4-Feb	10.6	Power Series I (w/o Application to Diff. Eq.)	WW5, Last day to drop without a grade
5-Feb		Worksheet 7	
6-Feb	10.6	Power Series II (w/o Application to Diff. Eq.)	WW6
9-Feb		Review I	
10-Feb		Worksheet 8	
10-Feb		Exam 1, 5:00-7:00 PM	
11-Feb	10.7	Taylor Series I (w/o Binomial Series & Elliptic Fct.)	Last day to withdraw for 50% refund
12-Feb		Worksheet 9	
13-Feb	10.7	Taylor Series II (w/o Binomial Series & Elliptic Fct.)	WW7
16-Feb	8.4	Taylor Polynomials (w/o Taylor's Theorem)	
17-Feb		Worksheet 10	WW8
18-Feb	6.2	Volumes of Solids	WW9
19-Feb		Worksheet 11	
20-Feb	6.2	Density and Average Value	WW10
23-Feb	6.3	Volumes of Revolution (Disk Method)	
24-Feb		Worksheet 12	
25-Feb	6.4	Volumes of Revolution (Shell Method)	WW11
26-Feb		Worksheet 13	
27-Feb	6.5	Work	WW12
2-Mar	7.2	Trigonometric Integrals I	
3-Mar		Worksheet 14	
4-Mar	7.2	Trigonometric Integrals II	WW13
5-Mar		Worksheet 15	
6-Mar	7.3	Trigonometric Substitution I	WW14
9-Mar		Review II	
10-Mar		Worksheet 16	
10-Mar		Exam 2, 5:00-7:00 PM	

11-Mar	7.3	Trigonometric Substitution II	
12-Mar		Worksheet 17	
13-Mar	7.5	Method of Partial Fractions	WW15
16-Mar --- 20-Mar		Spring Break	
23-Mar	7.8	Numerical Integration I	
24-Mar		Worksheet 18	WW16
25-Mar	7.8	Numerical Integration II	WW17
26-Mar		Worksheet 19	
27-Mar	8.1	Arc Length	WW18
30-Mar	8.1	Surface Area	
31-Mar		Worksheet 20	
1-Apr	8.3	Center of Mass	WW19
2-Apr		Worksheet 21	
3-Apr	9.1	Solving Differential Equations	WW20
6-Apr	9.2	Models Involving $y'=k(y-b)$	
7-Apr		Worksheet 22	
8-Apr	9.3	Graphical Methods (w/o Euler's Method)	WW21
9-Apr		Worksheet 23	
10-Apr	9.4	Logistic Equation	WW22, Last day to withdraw
13-Apr		Review III	
14-Apr		Worksheet 24	
14-Apr		Exam 3, 5:00-7:00 PM	
15-Apr	9.5	First-Order Linear Equations	
16-Apr		Worksheet 25	
17-Apr	11.1	Parametric Equations I	WW23
20-Apr	11.1	Parametric Equations II	
21-Apr		Worksheet 26	WW24
22-Apr	11.2	Arc Length and Speed	WW25
23-Apr		Worksheet 27	
24-Apr	11.3	Polar Coordinates	WW26
27-Apr	11.4	Area and Arc Length in Polar Coordinates	
28-Apr		Worksheet 28	
29-Apr		Review IV	WW27
30-Apr		Worksheet 29	
1-May		Review IV	
4-May		Final exam, 8:30-10:30 PM	