

MATH 102 – MATHEMATICAL CONCEPTS II
SYLLABUS/ASSIGNMENT SHEET
Spring 2008

Text: *A Survey of Mathematics with Applications, 7th Edition* by Angel, Abbott, & Runde

Class	Date	Section	Topic	Homework Page: Problems (odd only)	
1	1/24	4.1	• Historical Number Systems	173	1 - 43
2	1/29	4.2	• Place-Value Number Systems	180	1 - 41
3	1/31	4.3	• Conversion Between Number Bases	187	1 - 55
4	2/5	4.4	• Computation in Other Bases	197	1 - 53
5	2/7	10.1	• Groups	566	1 - 41
6	2/12	10.2	• Finite Mathematical Systems	574	1 - 67
7	2/14	10.3	• Modular Arithmetic	585	1 - 77
8	2/19		Review for Test 1		
9	2/21		Test 1		
10	2/26	5.2	• The Integers	225	1 - 71
11	2/28	5.3	• The Rational Numbers	238	1 - 21, 39 - 67, 119 - 133
12	3/4	5.4	• The Irrational Numbers	247	1 - 37
13	3/6	5.5	• Real Numbers and Their Properties	254	1 - 55
	3/10 - 3/16		Spring Break!		
14	3/18	6.2	• Linear Equations in One Variable	302	47 - 63
15	3/20	6.4	• Applications of Linear Equations	317	1 - 47
16	3/25	6.4	(cont.)		
17	3/27	6.7	• Graphing Linear Equations	345	35 – 65
18	4/1	6.8	• Linear Equations in Two Variables	350	3 - 23
19	4/3	7.5	• Systems of Linear Inequalities	420	3 - 19
20	4/8	7.6	• Last day for Student Withdrawal! • Linear Programming	426	1 - 19 (odd & even!)
21	4/10		Review for Test 2		
22	4/15		Test 2		
23	4/17	9.1	• Points, Lines, Planes, and Angles	482	1 - 85
24	4/22	9.2	• Polygons	491	1 - 71
25	4/24	9.3	• Perimeter and Area	503	1 - 53
26	4/29	9.4	• Volume	515	7 - 51
27	5/1	9.6	• Topology and Maps	542	1 - 39
28	5/6	14.1 App.	• Networks • Graph Theory	833 AA3	1 - 29 1 - 33
29	5/8		Review for Test 3		
30	5/13		Test 3		