ROWAN UNIVERSITY, STRUCTURES OF MATHEMATICS I
DR. M. HERMAN, TENTATIVE CALENDAR FOR SPRING 2012

TUESDAY	THURSDAY	HW Assignments
JAN 17 1.1 Counting Numbers 1.2 Decimals & Negative Numbers	**JAN 19** 1.3 Comparing Numbers 1.4 Rounding Numbers	1.1 #3 1.2 #2, 7-10, 12, 13 1.3 #3, 5, 11 1.4 #2, 4, 7
JAN 24 2.1 The Meaning of Fractions 2.2 Solving Problems & Explaining Solutions	**JAN 26** 2.3 Fractions as Numbers 2.4 Equivalent Fractions 2.5 Comparing Fractions	2.1 #3-10, 14-16 2.3 #1-8 2.4 #1, 5, 8-15, 17, 18, 21, 24 2.5 #2, 3, 4, 6, 7, 17 2.6 #1-14
JAN 31 2.6 Percent	**FEB 2** 3.1 Interpretations of Addition & Subtraction 3.2 Commutative & Associative Properties	3.1 #1, 4 3.2 #1, 3, 7, 11-13 3.3 #2, 3, 8-12 3.4 #1-3, 6, 7, 10-13 3.5 #3, 4
FEB 7 3.3 Algorithms for Addition	**FEB 9** 3.3 Algorithms for Subtraction	
FEB 14 3.4 Adding and Subtracting Fractions 3.5 Adding and Subtracting Negative Numbers	**FEB 16** **EXAM 1**	
FEB 21 4.1 Interpretation of Multiplication 4.2 Multiplying by 10	**FEB 23** 4.3 Properties & Application Models for Multiplication	4.1 #1 4.2 #1, 4 4.3 #3, 6, 10, 13, 14, 16, 21, 22 4.4 #1, 5-10, 16, 18 4.5 #4, 7, 8, 10, 16 4.6 #3, 4, 7, 10, 12
FEB 28 4.4 The Distributive Property 4.5 Mental Math & Single-digit Facts	**MAR 1** 4.6 Algorithms for Multiplication	
MAR 6 5.1 Multiplying Fractions 5.2 Multiplying Decimals	**MAR 8** 5.3 Multiplying Negative Numbers 5.4 Powers and Scientific Notation	5.1 #3-5, 8, 11, 19 5.2 #1, 3, 6, 10-12 5.3 #1 5.4 #1, 3, 5, 6, 7, 11
MAR 13 ****SPRING BREAK****	**MAR 15** ****SPRING BREAK****	

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TUESDAY	THURSDAY	HW Assignments
MAR 20 6.1 Interpretation of Division some Algorithms for Division	**MAR 22** 6.2 Division of Fractions 6.2 Division with Remainders 6.3 Common Long Division	6.1 #1, 2, 6, 8 6.2 #1, 2, 4, 7, 11, 13 6.3 #2, 3, 4, 5, 8, 16, 23, 24 6.4 #1-3, 6-8, 10, 12, 13, 15 6.5 #2, 6-11 6.6 #3, 5, 6
MAR 27 6.4 Fraction Division as Repeated Subtraction 6.5 Fraction Division as Sharing	**MAR 29** **EXAM 2**	
APR 3 6.6 Dividing Decimals	**APR 5** 7.1 Rate, Ratio, Proportion 7.2 Solving Proportional Problems	7.1 #3-8 7.2 #1, 3, 5, 7, 8, 11, 14, 17, 18 7.3 #2, 4 7.4 #2, 3, 4, 6 7.5 #1, 2, 4, 6-10, 12, 13, 15, 20, 22
APR 10 7.3 Connecting Fractions and Ratios 7.4 Problems with Proportion	**APR 12** 7.5 Percent Increase and Percent Decrease	
APR 17 8.1 Factors and Multiples 8.2 Greatest Common Factor & Least Common Multiple	**APR 19** 8.3 Prime Numbers 8.4 Even and Odd	8.1 #3-9 8.2 #1, 6-8, 11, 13, 16, 18 8.3 #1, 2, 3, 5, 6 8.4 #2, 3, 5, 6, 7, 9 8.5 #1, 3-6, 9-11, 13, 14 8.6 #1-4, 6, 10, 20 8.7 #1, 2
APR 24 8.5 Divisibility Tests 8.6 Rational and Irrational Numbers	**APR 26** 8.7 Relooking at Number Systems	
MAY 1 – 5 ****FINAL EXAMS****	**MAY 1 – 5** ****FINAL EXAMS****	The **Final Exam** in this course is scheduled as a two-hour time block by Rowan University and may very well meet at a different time and day than our regularly scheduled class meeting time.