Math 105 TENTATIVE* Schedule Spring 2017

1: Jan 10&12	1.1 Intro to Problem Solving	1.2 Problem Solving Techniques #1
2: Jan 17&19	2.1 Sets and Operations on Sets	2.2&2.3 Sets, Counting, Whole #s +/- Project 1 handed out
3: Jan 24&26	2.4 Whole Numbers Mult. & Div.	3.1 Numeration Systems Past and Present **Project 1 DUE**
4: Jan 31&Feb 2	3.2&3.3 Operation Algorithms (W)	3.5 Nondecimal Positional Systems
5: Feb 7&9	Catch-up and Review	**TEST 1** **1.1, 1.2, Ch 2, Ch 3, Project 1**
6: Feb 14&16	1.3 Problem Solving Techniques #2	4.1 Divisibility of Real Numbers Project 2 handed out
7: Feb 21&23	4.2&4.3 Tests for Divisibility, GCM, LCD (Factor Game?)	5.1&5.2 Integers: Representation, +/- **Project 2 DUE**
8: Feb 28&M 2	5.3 Integers Mult. & Div. (Card Game?)	5.4 Modular Arithmetic (section on webpage)
9: Mar 7&9	Catch-up and Review	**TEST 2** **1.3, Ch 4, Ch 5, Project 2**
10: Mar 14&16	1.4&1.5 Problem Solving Techniques #3	6.1 Fraction and Rational Number Basics**
11: Mar 21&23	6.2 Fractions: Addition and Subtraction**	6.3 Fractions: Multiplicatoin and Division** Project 3 handed out
12: Mar 28&30	6.4 The Rational Number System**	7.1 Decimals and Real Numbers (Proof 2) **Project 3 DUE**
13: Apr 4&6	7.2 Computations with Decimals (Ordering Activity?)	7.3&7.4 Proportional Reasoning and Percent
14: Apr 11&13	Catch-up and Review	**TEST 3** **1.4, 1.5, Ch 6, Ch 7, Project 3**
15: Apr 18&20	1.6 Reasoning Mathematically	Catch-up and Review
Finals Week	**Math 105 Final: April 25 1:00-3:50**	

*Please note that this class has recently changed from a 4-unit class to a 3-unit class. I have cut back and rearranged the schedule accordingly, but I may have to shift things as the semester goes on, depending on how it fits, so please keep in mind that this schedule is tentative. Be sure to attend class every day, and if you must miss a class due to an emergency, be sure to be in contact with a classmate so that you can get the missing notes and find out about any schedule changes or other announcements that were given in class.

** On one or more of these days I plan to have in-class presentations with students explaining to their classmates how to work with fractions.

ADDITIONAL NOTE – In order to best help prepare you for tests, written practice will be assigned. I will collect some of the written practice at random throughout the semester, so be sure to always keep up with that. Also, as future elementary teachers it is very important that you are able to add, subtract, multiply and divide fractions and decimals. This is a prerequisite skill to this class, something you should know from all of your previous arithmetic and algebra classes. Pop quizzes on fractions and decimals will be given at random. If you are not solid with your fraction and decimal skills go to tutoring or find sites online to get you to where you need to be with those skills.