

MATH 406A – Tentative Outline for Spring 2008
 Dr. Rebecca McGraw
 University of Arizona

Week of:	Topic/Readings	Important Dates
Jan. 14	Fractions Ma, L. Chapt. 3 Generating Representations The Learning Gap, Ch. 5	
Jan. 21	Fractions/Decimals/Percents Van der Walle, Ch. 13 Computation with Fractions Adding It Up: Strands of Mathematical Proficiency	
Jan. 28	Decimals/Percents/Ratios	Reader Resp. #1 Due – Jan. 28 th
Feb. 4	Ratios/Proportions Driscoll, Ch. 5 Rubenstein, Building Explicit and Recursive Forms . . .	
Feb. 11	Algebraic Thinking/Variable Preparation for teaching – lesson plans Driscoll, Ch. 6	Reader Resp. #2 Due – Feb. 11 th
Feb. 18	Algebraic Thinking/Variable Preparation for teaching - continued McGraw, Romero, & Krueger, How Far Up Am I? . . . Van Dyke & Craine, Equivalent Representations . . .	
Feb. 25	Functions/Representations Connected Mathematics: Thinking With Mathematical Models	Assignment #1 Due – Feb. 25 th Teach in the field
Mar. 3	Functions/Representations	Teach in the field
Mar. 10	Functions/Representations	Midterm Exam March 12 th
Mar. 24	Functions/Representations	
Mar. 31	Geometry	Reader Resp. #3 Due – Mar. 31 st
Apr. 7	Geometry	
Apr. 14	Geometry	Lesson plan due April 16 th
Apr. 21	Probability/Statistics	Reader Resp. #4 Due – Apr. 21 st Teach in the field
Apr. 28	Probability/Statistics	Assignment #2 Due – April 28 th Teach in the field
May 5	Review	Teach in the field
May 12		Final Exam – Wed., May 14 th 5:00 – 7:00pm in Math East 143