

**Mathematics 396 Fall 2007****CLASS SCHEDULE AND ASSIGNMENTS<sup>1</sup>**

MONDAY	WEDNESDAY	FRIDAY
9/24 Introduction/Core of Problem Solving, Good Problems <b>Read Ch.1: set A (pp.19-23)</b> 2, 4, 10	9/26 Polya's Framework Assessing Problem Solving Intro to Oregon Scoring Guide <b>Read Ch.2: set A (pp. 38-41)</b> 4,6, 14	9/28 Introduction to Visual Methods <b>Read Ch 3: set A (pp. 61-64)</b> 3, 5, 15 <b>Set B (p. 66)</b> 4
10/1 More Visual Methods <b>Read Ch.4:</b> <b>set A (pp.94-98)</b> 4, 8, 9 <b>set B (pp.104-105)</b> 5	10/3 Figurate Numbers <b>Read Ch 5: set A (pp. 126-7)</b> 2, 5, 7 <b>Journal 1 &amp; Text HW1 (Ch 1-3) due</b>	10/5 Figurate Numbers Continued <b>Read Ch.5 Set A(pp.129-31)</b> 12,13,18 <b>Portfolio 1 and POW 1 due</b>
10/8 Euler Circuits and Paths <b>Read Ch. 6: set A (pp.155-8)</b> 4, 12, 14	10/10 Counting <b>Read Ch. 7: set A (pp. 178-181)</b> 3, 7, 8, 16 <b>Text HW 2 (Ch 4-5) due</b>	10/12 Dr. Fung away at a conference <b>Read Ch. 9: set A (pp.244-247)</b> 2, 7, 14 <b>Portfolio 2 and POW 2 Due</b>
10/15 More Counting & Some Number Theory <b>Read Ch.10, Set A2 (pp.268-272)</b> 9, 13, 20	10/17 Combinations and Permutations <b>Read Ch. 10, Set A1(pp. 253-4)</b> 2, 4, 5 <b>Journal 2 due &amp; Text HW 3 (Ch 6,7,9) due</b>	10/19 Origami <b>Do Ch.14: (pp.381-4) set A</b> 3, 5, 8 & <b>set B</b> 5 ( <i>Reading Ch 14 may be confusing</i> ) <b>Portfolio 3 and POW 3 due</b>
10/22 The Oregon Scoring Guide <b>Read Ch. 11: set A (pp. 293-296)</b> 4, 12, 15	10/24 Practice Scoring Using OSG <b>Read Ch. 15: set A (pp 405- 7)</b> 9, 13, 14 <b>Text HW4 (Ch 10,14) due</b>	10/26 Algebraic Techniques & Venn Diagrams <b>Online HW</b> <b>Portfolio 4 and POW 4 due</b> <b>Read Ch. 16 set A (pp 427- 9)</b> 1, 2, 7
10/29 Sudoku and MorphWord <b>Read Ch. 12: set A (pp. 318-323)</b> 5, 10, 14	10/31 Intro to Online Mentoring: OMG Lessons 1 and 2 ( <b>In Library</b> ) <b>Read Ch. 13: set A (pp. 345-9)</b> 2, 6, 15, 17 <b>Jour 3 &amp; Text HW5 (Chapters 11,15, 16) due</b>	11/2 Online homework <b>Read Ch. 17: set A, p. 456</b> 4 <b>Ch. 8: set A (pp. 211-4)</b> 2(a-e), 14 <b>Portfolio 5 and POW 5 due</b>
11/5 OMG: Wrap-up of lessons & Review	11/7 <b>Exam 1 (In Class) Problem Solving and Math Forum Training</b> <b>Online HW</b>	11/9 Introduction to Math Forum POW
11/12 Review of Solutions to Math Forum POW	11/14 Live Mentoring ( <b>In Library</b> ) <b>Online HW</b> <b>Journal 4 due</b>	11/16 Live Mentoring <b>Online HW</b>
11/19 Live Mentoring <b>Online HW</b>	11/21 Live Mentoring <b>Text HW 6 (Chapters 8, 12, 13, 17) Due</b>	11/23 <b>Thanksgiving Holiday</b>
11/26 Commentary to Mentored Problem and Wrap-up of Math Forum Project	11/28 What Makes a Good Problem: A Second Look; Introduction to Problem Writing and Selection	11/30 Coloring

<sup>1</sup> The text problems are to be completed right after each respective class, and all the problems from a week are due on Wednesday of the following week.