GRANDE PRAIRIE REGIONAL COLLEGE
MATH 1600
WINTER 2010

Title: Higher Arithmetic (3-1-0) 3 credits

Transfer: UA, UC, AU, AF, CU (from the GPRC Calendar)

Prerequisite: Pure Math 30

Schedule: Lecture A3   M   1:00-2:30   J202   F   11:30-1:00   J202
                Seminar AS1   T   11:30-12:30   J228
                Seminar AS2   R 11:30-12:30   J228

Instructor: Dallas Sawtell
                  Office C204
                  Phone 539-2989
                  e-mail dsawtell@gprc.ab.ca

Textbooks: Musser and Burger, Mathematics of Elementary Teachers (any
                 edition)

Grading: Worksheets   15%
                Quizzes   20%
                Midterm   26%
                Final Exam   39%

Worksheets/Seminars: A worksheet will be given out that must be handed in by the end
                of the seminar for marking.

Quizzes: Quizzes will be held every Monday starting Jan 18.   Quizzes cannot be
                made up if missed.

Midterm: If the midterm is missed with a valid reason, the weight will be put on the
                final (ie. the final will be worth 65%). A doctor's note will be required.
                The midterm will be during class on Monday, Feb 22.

Final: Finals are held from April 17 to 29 inclusive (includes evenings and
                Saturdays). Writing finals early is not permitted. A doctor's note is
                required if you have to miss the final.

Calculators: Use of calculators is **not** permitted on the quizzes or exams.

Learning Support Centre: The learning support centre is located in the library. There is
                a free tutor available M, T, R, F from 12:30-4:00, and W 1:00-4:30.

Content: Ch 1 Problem Solving Process and Strategies
Ch 2 Sets, Whole Numbers, Numeration, Relations and Functions
Ch 3 Whole Numbers: Operations and Properties
Ch 4 Whole-Number Computations: Algorithms in Base Ten and Others
Ch 5 Number Theory: Primes, Composites, Tests for Divisibility, GCF, LCM
Ch 6 Fractions
Ch 7 Decimals, Ratio, Proportion, and Percent
Ch 8 Integers
Ch 9 Rational Numbers, Real Numbers, and Algebra
Ch 10 Statistics
Ch 11 Probability

Grading Scheme:

Grade	GPA	Percent	Description
A+	4.0	95-100%	
A	4.0	90-94%	Excellent
A-	3.7	85-89%	
B+	3.3	80-84%	
B	3.0	75-79%	Good
B-	2.7	70-74%	
C+	2.3	66-69%	
C	2.0	62-65%	Satisfactory
C-	1.7	58-61%	
D+	1.3	55-57%	
D	1.0	50-54%	Minimal Pass
F	0.0	0-49%	Fail

Note: A grade of D or D+ will NOT meet prerequisite requirements for other math courses and may not be accepted by other colleges and universities.

Plagarism: See Calendar