GRANDE PRAIRIE REGIONAL COLLEGE
MATH 1600
WINTER 2009

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 J201
Seminar AS2 R 11:30-12:30 J204

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 January 19. 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, March 2.

Final: Finals are held from April 16 to 27 inclusive (includes evenings and Saturdays). Writing finals early is not permitted.

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

Learning Support Centre: The learning support centre is located in the library. The contact person is Sherron Hutchings for math. There is an evening tutor and peer tutors.

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: A+   4.0
                       A   4.0   Excellent
                       A-   3.7

                       B+   3.3
                       B   3.0   Good
                       B-   2.7

                       C+   2.3
                       C   2.0   Satisfactory
                       C-   1.7

                       D   1.0   Minimal Pass

                       F   0.0   Fail

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

Plagarism: See Calendar