

GRANDE PRAIRIE REGIONAL COLLEGE
MATH 1600
FALL 2006

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

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

Prerequisite: Pure Math 30

Schedule: Lecture A3 M 1:00-2:30 J226 F 11:30-1:00 J202
Seminar AS1 R 10:00-11:00 J204
Office Hours M 11:30-12:30 F 10:15-11:15

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

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

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 during the last half hour of class (starting Sept 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, Oct 23.

Final: Finals are held from Dec 11 to 20 inclusive (includes evenings and Saturdays). Writing finals early is not permitted.

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

Content: Selected topics in chapters 1 to 11
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	Excellent
	A	4.0	
	A-	3.7	
	B+	3.3	Good
	B	3.0	
	B-	2.7	
	C+	2.3	Satisfactory
	C	2.0	
	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.

Plagiarism: See Calendar