

**GRANDE PRAIRIE REGIONAL COLLEGE**  
**MATH 1600**  
**FALL 09**

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

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

**Prerequisite:** Pure Math 30

**Schedule:** Lecture A2 M 1:00-2:30 J202 F 11:30-1:00 J202  
Seminar AS2 T 10:00-11:00 J204  
Seminar AS1 R 10:00-11:00 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 Sept. 14. 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. 26.

**Final:** Finals are held from Dec 9 to 18 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

<b>Grading Scheme:</b>	A+	4.0	95-100%	Excellent
	A	4.0	90-94%	
	A-	3.7	85-89%	
	B+	3.3	80-84%	Good
	B	3.0	75-79%	
	B-	2.7	70-74%	
	C+	2.3	66-69%	Satisfactory
	C	2.0	62-65%	
	C-	1.7	58-61%	
	D+	1.3	55-57%	Minimal Pass
	D	1.0	50-54%	
	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.

**Plagiarism:** See Calendar