

GRANDE PRAIRIE REGIONAL COLLEGE
MATH 1600
FALL 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 A2 T R 10:00-11:20 YREC
Seminar AS1 T 11:30-12:20 YREC

Instructor: Dr. Reddy Ganta
Office J220
Phone 780-539-2850
e-mail RGanta@gprc.ab.ca

Textbooks: Musser and Burger, Mathematics for Elementary Teachers (8th edition)

Grading: Assignments 20%
Quizzes 15%
Midterm 28%
Final Exam 37%

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.

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.

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	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