



Grande Prairie Regional College
Department: Teacher Assistant

COURSE OUTLINE—FALL 2009

INTRODUCTION TO TA 1233

Instructor's name: Christine Frattini

Phone number: 780-539-2810

Instructor's office: Math Lab A210

Email: cfrattini@gprc.ab.ca

Class Time: Tuesdays/Thursdays 12:00-12:50 pm

Office Hours: daily 2:30-3:30 pm
Math Lab A210

Calendar Description:

TA 1233 1(1-0-0) Time: 15 Hours

Description: This course covers the development, review, and reinforcement of math skills and concepts up to beginning algebra.

As the student progresses through the course, he/she will become more comfortable with math concepts that may be encountered while working with children in an elementary school setting.

Resource requirements:

Package of TA 1233 modules, 2008

Basic Calculator (**Calculator may be used for module 2 only**)

Attendance:

Since success in math is directly linked to attendance, regular and punctual attendance is expected of all students.

Course Delivery and Evaluation:

This course is divided into 3 separate units called modules. The instructions for each topic are given in the modules, followed by several examples and exercises. Study the instructions and work through the examples before starting each exercise. The answers for each exercise are given at the end of the module. Check your work **often** to make sure you understand each new topic.

The key to success in working with modules is to **ask questions** whenever you have difficulty understanding the instructions, the examples, or the exercises. **Do not hesitate to ask for help.**

After each module you must write a test. When writing a test, be sure to show all of your work on the test paper. Marks are given for method as well as for the final answer. A passing mark of 60% is required on the test before continuing on to the next module. If you are unable to attain this mark, you must review the material and rewrite the test. The first and second test marks will be averaged.

The recommended test date for each module is on the next page. Follow these dates as closely as you can. You are encouraged to write a test early if you are prepared.

Consult your instructor immediately if you find yourself falling behind schedule. Extra help is available to you daily in the Math Lab (A210).

All tests must be written by Tuesday, October 27.

Your final mark is determined by:

Module 1	Basic Arithmetic Test	40%
Module 2	Percent Test	32%
Module 3	Measurement Test	28%

Alpha Grade	4-Point Equivalent	Percentage Guidelines	<i>Designation</i>
A+	4.0	90 - 100	Excellent
A	4.0	85 - 89	
A-	3.7	80 - 84	First Class Standing
B+	3.3	76 - 79	
B	3.0	73 - 75	Good
B-	2.7	70 - 72	
C+	2.3	67 - 69	Satisfactory
C	2.0	64 - 66	
C-	1.7	60 - 63	
D+	1.3	55 - 59	Minimal Pass
D	1.0	50 - 54	
F	0.0	0 - 49	<i>Fail</i>

TA 1233 – Fall 2009

Module	Topic & Description	Recommended Time & Test Date	Date written	Your Mark
1	<p style="text-align: center;">Basic Arithmetic</p> <ul style="list-style-type: none"> -place value -addition, subtraction, multiplication and division of whole numbers, decimals and fractions -interchanging fractions and decimals - word problems 	<p style="text-align: center;">6 days Sept. 24 Thursday</p>		
2	<p style="text-align: center;">Percent</p> <ul style="list-style-type: none"> -the meaning of percent -changing percent to decimals & fractions -changing decimals and fractions to percent -the percent proportion -applications of percent 	<p style="text-align: center;">5 days Oct. 13 Tuesday</p>		
3	<p style="text-align: center;">Measurement</p> <ul style="list-style-type: none"> -metric units of linear measurement, mass, liquid volume, time and temperature -changing metric units 	<p style="text-align: center;">4 days Oct. 27 Tuesday</p>		

In this course, a calculator WILL NOT BE USED for the first and third modules.

Day	Date	Module	Assignment
0	Thursday, Sept. 3	Course introduction and pre-test	
1	Tuesday, Sept. 8	Basic Arithmetic	Exercise 1&2
2	Thursday, Sept. 10		Exercise 3&4
3	Tuesday, Sept. 15		Exercise 5&6
4	Thursday, Sept. 17		Exercise 7&8
5	Tuesday, Sept. 22		Exercise 9&review
6	Thursday, Sept. 24		Test on Basic Arithmetic
7	Tuesday, Sept. 29	Percent	Exercise 1,2&3
8	Thursday, Oct. 1		Exercise 4,5&6
9	Tuesday, Oct. 6		Exercise 7&8
10	Thursday, Oct. 8		Exercise 9&review
11	Tuesday, Oct. 13		Test on Percent
12	Thursday, Oct. 15	Measurement	Exercise 1,2&3
13	Tuesday, Oct. 20		Exercise 4,5&6
14	Thursday, Oct. 22		Exercise 7,8&review
15	Tuesday, Oct. 27		Test on Measurement