



DEPARTMENT OF HUMAN SERVICES and ECD

COURSE OUTLINE – FALL 2010

INTRODUCTION TO TA 1233

INSTRUCTOR: Sukhvir Sandhu **PHONE:** (780) 539-2810 or 2234

OFFICE: Math Lab A210 **E-MAIL:** ssandhu@gprc.ab.ca

OFFICE HOURS: Tuesday & Thursday 10:00 – 11:20; daily 2:00 – 2:30 pm

CLASS TIME: Monday & Friday 10:00 – 11:20 am in A209; Sept. 3 – Oct. 8, 2010.

REQUIRED TEXT/RESOURCE MATERIALS:

Package of TA 1233 modules, 2008

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

CALENDAR DESCRIPTION:

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

CREDIT/CONTACT HOURS:

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

ATTENDANCE:

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

DELIVERY MODE(S):

TA1233 is modularized math course. 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 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 back of the next page. Follow these dates as closely as possible. 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 Friday, Oct. 8.

Your final mark is determined by:

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

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A⁻	3.7	80 – 84	FIRST CLASS STANDING
B⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B⁻	2.7	70 – 72	
C⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C⁻	1.7	60 – 62	
D⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

Objectives / Tests

Module	Objectives / Topics	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>4 days Sept. 17 Friday</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>3 days Sept. 27 Monday</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>3 days Oct. 8 Friday</p>		

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

Day	Date	Module	Assignment
1	Friday, Sept. 3	Course introduction Pre-test Basic Arithmetic	Exercise 1&2&3&4
2	Friday, Sept. 10		Exercise 5&6&7
3	Monday, Sept. 13		Exercise 8&9&review
4	Friday, Sept. 17	Percent	Test on Basic Arithmetic Exercise 1&2&3
5	Monday, Sept. 20		Exercise 4&5&6&7
6	Friday, Sept. 24		Exercise 8&9&review
7	Monday, Sept. 27	Measurement	Test on Percent Exercise 1&2&3
8	Friday, Oct. 1		Exercise 4&5&6
9	Monday, Oct. 4		Exercise 7&8&review
10	Friday, Oct. 8		Test on Measurement

STUDENT RESPONSIBILITIES:

In addition to the *Student Rights and Responsibilities* as set out in the **College Calendar** (pages 47-50), the following guidelines will maintain an effective learning environment for everyone

1. Regular attendance is expected of all students in all mathematics courses. Your success in math is directly linked to your attendance. Attendance will be taken daily.
2. Students are expected to be punctual. Arrive on time for classes and remain for the duration of scheduled classes.
3. Refrain from disruptive talking or socializing during class time.
4. Be respectful of others regarding food or beverages in the classroom. Clean up your eating area and dispose of garbage.
5. Recycle paper, bottles and cans in the appropriate containers.
6. Children are not permitted in the classrooms.
7. Students are expected to notify the instructor of any extenuating circumstances.

Electronic Devices:

Students are expected to turn off cell phones during class time or in labs. No unspecified electronic devices will be allowed in exams.

Statement on Plagiarism:

Please refer to pages 48-49 of the College Calendar regarding plagiarism, cheating, and the resultant penalties. These are serious issues and will be dealt with severely.