

**UNIVERSITY COLLEGE OF THE FRASER VALLEY**

**COURSE INFORMATION**

**DISCIPLINE/DEPARTMENT:** ADULT BASIC EDUCATION **IMPLEMENTATION DATE:** AUG. 1995

**MATH 061** Fundamental Mathematics (Applied) **Revised:** 1.5

**SUBJECT/NUMBER OF COURSE** **DESCRIPTIVE TITLE** **UCFV CREDITS**

**CALENDAR DESCRIPTION:** This course will introduce you to the use of the calculator in solving basic mathematical operations of adding, subtracting, multiplying and dividing as they apply to fractions, decimals and percentage. Other topics are the metric system, graphing and applied problem solving techniques. Estimation and problem solving skills will be stressed.

**RATIONALE:** This course will prepare students for entry to non-degree programs, where the mathematical skills required are minimal and specific to the programs. This course may satisfy the requirements for entry to Math 072.

**COURSE PREREQUISITES:** Assessment

**COURSE COREQUISITES:** N/A

<b>HOURS PER TERM FOR EACH STUDENT</b>	<b>Lecture</b>	<b>28</b>	<b>hrs</b>	<b>Student Directed</b>	
	<b>Laboratory</b>	<b>14</b>	<b>hrs</b>	<b>Learning</b>	<b>hrs</b>
	<b>Seminar</b>		<b>hrs</b>	<b>Other - specify:</b>	
	<b>Field Experience</b>		<b>hrs</b>	<u>                    </u>	<b>hrs</b>
	<u>                    </u>			<b>TOTAL</b>	<b>42</b>

**MAXIMUM ENROLMENT:**

Is transfer credit requested? **9** Yes **9** No

**AUTHORIZATION SIGNATURES:**

**Course Designer(s):** Keith Mohammed

**Chairperson:** \_\_\_\_\_  
**Curriculum Committee** \_\_\_\_\_

**Department Head:** \_\_\_\_\_

**Dean:** \_\_\_\_\_

**PAC: Approval in Principle** \_\_\_\_\_  
**(Date)**

**PAC: Final Approval:** April 26, 1995  
**Date)** \_\_\_\_\_

## Fundamental Mathematics (Applied)

**NAME & NUMBER OF COURSE**

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**SYNONYMOUS COURSES:**

(a) replaces \_\_\_\_\_  
(course #)

(b) cannot take \_\_\_\_\_ for further credit  
(course #)

**SUPPLIES/MATERIALS:****TEXTBOOKS, REFERENCES, MATERIALS (List reading resources elsewhere)****References:**

**TEXTS:** Math in Life by Bolster  
Teacher made handouts

**OBJECTIVES:**

The objectives of this course are:

1. To prepare students for entry to non-degree programs where advanced math skills are not required and to satisfy the requirement of one unit in Math for the Career Education Certificate Program.
2. To prepare students for entry to the A.B.E. Math 072 course.

**METHODS:**

1. Lecture
2. Laboratory group exercises
3. Problem solving situations

**STUDENT EVALUATION PROCEDURE:**

Participation 30%  
Assignments 40%  
Final Exam 30%

**COURSE CONTENT**

- Getting to know your calculator
- Naming numbers in different ways
- Finding answers with your calculator
- Learning problem solving techniques
- Estimating answers
- Measuring in English and metric units
- Using graphs, charts and tables