

UNIVERSITY COLLEGE OF THE FRASER VALLEY

COURSE INFORMATION

DISCIPLINE/DEPARTMENT: DISABILITY RESOURCE CENTRE **IMPLEMENTATION DATE:** SEPT. 1994

Revised: _____

<u>Career Education Certificate CED 050</u>	<u>Math Readiness</u>	<u>n/a</u>
SUBJECT/NUMBER OF COURSE	DESCRIPTIVE TITLE	UCFV CREDITS

CALENDAR DESCRIPTION:

A brief overview of math basics for the workplace. This course will serve as a review of basic math function, rather than a full instructional course.

RATIONALE:

Many of the students coming to this type of program have been out of school for some time. They may have done well in math in school but with years of not using many of the calculations, have forgotten the basics and need only a quick review. For others, with math difficulties, it may serve to give them a clearer picture of where the problems lay.

COURSE PREREQUISITES: Acceptance into Career Education Certificate Program or permission of instructor.

COURSE COREQUISITES: n/a

HOURS PER TERM FOR EACH STUDENT	Lecture	8	hrs	Student Directed		
	Laboratory		hrs	Learning	8	hrs
	Seminar		hrs	Other - specify:		
	Field Experience		hrs			hrs
				TOTAL	16	HRS

MAXIMUM ENROLMENT: 20

Is transfer credit requested? Yes No

AUTHORIZATION SIGNATURES:

Course Designer(s):	Chairperson:
	Curriculum Committee
Department Head:	Dean:
PAC: Approval in Principle	PAC: Final Approval:
(Date)	March 22, 1995
	(Date)

Math Readiness CED 050**NAME & NUMBER OF COURSE**

SYNONYMOUS COURSES:

(a) replaces n/a
(course #)

(b) cannot take n/a for further credit
(course #)

SUPPLIES/MATERIALS:

Overhead projector, flip chart, classroom space

TEXTBOOKS, REFERENCES, MATERIALS (List reading resources elsewhere)

Enns, Marjorie E. ABE Mathematics Workbook 2. Ministry of Education, Province of British Columbia. Victoria, BC, 1983.

Friedland, Joyce and Gross, Irene. Reading for Mathematics. Frank E. Richards Publishing Co., Inc. Phoenix, New York, 1984.

Mosenfelder, Donn. Life Skills Math. Educational Design Inc. New York, New York, 1988.

OBJECTIVES:

Review the following math basics:

estimation, whole number operations, operations with decimals and fractions, converting fractions to decimals, and percentage.

Demonstrate ability to use a calculator for basic math functions.

Identify areas of weakness in math and where to obtain further math education.

Identify uses of math in the workplace.

METHODS:

As the primary function is to review math functions and have the students identify their weaknesses, a small portion of the class will be instruction, while the rest will involve students tackling the problems with one-to-one or small group instruction from the instructor and fellow classmates (where possible).

STUDENT EVALUATION PROCEDURE:

Evaluation is based entirely on attendance and completion of assignments and will be credited on a credit/non-credit basis with credit given for regular attendance and completion of all assignments. Students will also receive a recommendation from the instructor as to further math education needs, based on individual level and career goals.

Math Readiness CED 050
NAME & NUMBER OF COURSE

COURSE CONTENT:

Session #1	Discussion on the use of math in the workplace Place value, rounding and estimation
Session #2	Whole number word problems General problem-solving Common fractions
Session #3	Fractions Decimals and converting fractions to decimals Using a calculator
Session #4	Percentages Review and assessments