



COURSE DESCRIPTION 2011-2012

COURSE NAME:	Cultural, Social and Technical Mathematics	LEVEL:	Cycle 2, Year 2
COURSE CODE:	563-404	PERIODS PER CYCLE:	8
TEACHER(S):	E-MAIL ADDRESS:		
Ms. C. Burtles	burtles.c@gaa.qc.ca		
Ms. S. Howard	howard.s@gaa.qc.ca		

Subject Area Competencies (C1 and C2):

C1	Solves a Situational Problem: <i>a complex task that involves multiple steps and may have numerous solutions</i>
30%	<ul style="list-style-type: none"> - The student must be able to identify information from different types of representations such as graphs, tables of value, word problems etc. - The student must be able to represent a situational problem using a graph, table of values, equation etc. - The student should be able to work out a solution using appropriate methods. - The student should be able to check the solution to the problem and justify all steps in the procedure. - The student should be able to clearly explain the solution either in written form or orally.
<i>Activity Types in this competency: Activities that involve solving situational problems; LES; Complex Problems</i>	
C2	Uses Mathematical Reasoning: <i>applies appropriate concepts and processes</i>
70%	<ul style="list-style-type: none"> - The student should be able to make connections and relationships between concepts and processes. - The student should be able to select and evaluate the suitability of the process. - The student should be able to choose an appropriate representation and follow a logical sequence of steps.
<i>Activity Types in this competency: Tests, quizzes, Assignments, LES</i>	

Please note the following changes in Evaluation:

C3 Communicates by Using Mathematical Language

- The student will be able to understand mathematical vocabulary and symbols.
- The student will be able to interpret and summarize the ideas using mathematical language
- The student will be able to produce a clear and coherent message using appropriate mathematical or everyday language suited to the context.

******The student will be provided with feedback on this element, but this feedback will not be considered when determining the student's mark in the report card.**

Reporting:

	Overview and Evaluation Summary	Competencies	
		#1	#2
Term 1	Chapter 1: Systems of Equations *Quizzes, Tests, LES, Assignments	X	X
Term 2	Chapter 2: Statistical Measures and Linear Correlation Chapter 4: Functions *Quizzes, Tests, LES, Assignments	X	X
	Christmas Exam	X	X
Term 3	Chapter 3: Congruent & Similar Figures Chapter 5: Triangles Chapter 6: Probability *Quizzes, Tests, LES, Assignments	X	X
	June exam * The final mark for the year is composed of the 50% of the June exam and 50% of the year's mark.	X	X

Lunchtime Tutoring: every Day 3

***Students are requested to bring a bagged lunch on tutoring days to maximize our lunchtime tutorial session together. Thank you!

Tutoring location: TBA

Please Note:

- The expectation is for approximately **30** minutes of homework for each one hour of class time.
- Lists of outside tutors are available upon request.
- Please contact appropriate teacher by **e-mail** if there are questions or problems.
- For specific concerns, please contact the Mathematics Department Head, Ms. D.Fry at fry.d@qaa.qc.ca