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Course: Workplace Mathematics 10
Teacher: Mr. Francis Tsen
Email: francis.tsen@burnabyschools.ca
Phone: 604 760-1686

Course Length: 10 months
 (approx 120 hours)

Course Curriculum

The curriculum for this course is build around these Big Ideas

Proportional reasoning is used to make sense of multiplicative relationships	3D objects can be examined mathematically by measuring directly and indirectly length, surface area, and volume.	Flexibility with number builds meaning, understanding, and confidence.	Representing and analyzing data allows us to notice and wonder about relationships.
Students are expected to know the following: <ul style="list-style-type: none"> • create, interpret, and critique graphs • primary trigonometric ratios • metric and imperial measurement and conversions • surface area and volume • central tendency • experimental probability • financial literacy: gross and net pay 			

Mark Weighing

Category	Weighing
Assignments	50%
Reviews	20%
Unit Tests	30%

Resources

- Textbook not required.
- A scientific calculator is required.

Course Content

Completion of items in boldface and underlined will activate a student in this course

Units	Formative Assessment	Summative Assessment
<u>1: Experimental and Theoretical Probabilities</u>	<u>1 assignment</u> Review Quizzes	1 Unit Test
2: Graphs	1 assignment Review Quizzes	1 Unit Test
3: Measurements and Conversions	1 assignment Review Quizzes	1 Unit Test
4: Trigonometry	1 assignment Review Quizzes	1 Unit Test
5: Surface Area and Volume	1 assignment Review Quizzes	1 Unit Test
6: Central Tendencies	1 assignment Review Quizzes	1 Unit Test
7: Financial Literacy	1 assignment Review Quizzes	1 Unit Test

Students are expected to:

- contact the teacher by instant messaging, email or phone when help is needed or questions arise
- be actively engaged and submitting work on a regular basis
- inform the teacher when they will be inactive for two or more weeks.
- be aware that if they are inactive in a course for four or more weeks they may be removed from that course
- check their email at least twice a week
- create and submit completed solutions for all activities in the unit/chapter before requesting a test.
- cite all sources properly
- answer in their own words
- check that their work and tests have been marked.
- make time available to come in to Burnaby Online to write tests.
- make appointments to write tests at least 2 school days in advance.