GEOMETRY, MEASUREMENT AND FINANCE 10
COURSE OUTLINE - FALL 2018

TEACHER: A. Hallihan

TEXT: MathWorks 10 (NB Edition)

COURSE DESCRIPTION:

This <u>mandatory</u> course follows completion of Introduction to High School Mathematics 9. Students will study systems of **measurement** (imperial/metric, conversions); **geometry** (2D/3D**); trigonometry** (primary trigonometric ratios, reference angles); and **finance** (spending money, earning money, saving money, financial services).

MATERIALS NEEDED:

- **Scientific calculator (no cell phones or tablets)**
- Pencils and an eraser
- Notebook/Binder to maintain daily notes and homework exercises

ATTENDANCE:

The pace of this course will be rapid, students will be expected to maintain excellent attendance. In the event of an absence, students are responsible for all missed work. If a student is absent for a test without a valid excuse, they will be given a mark of zero. It will be the responsibility of the student to present a satisfactory written excuse and arrange to write the test on his or her own time.

DISTRIBUTION OF TOPICS:

Unit	Topic
1	System of Measurement and Conversions (Chapter 4)
2	Mass, Temperature and Volume (Chapter 5)
3	Surface Area, Volume and Capacity (Chapter 6)
4	Angles and Parallel Lines (Chapter 7)
5	Trigonometry of Right Triangles (Chapter 8)
6	Unit Pricing and Currency Exchange (Chapter 1)
7	Earning an Income (Chapter 2)
8	Financial Services (Chapter 1)
	Logical Problem Solving (Supplemental)

EVALUATION: Tests / Quizzes / Assignments   70 %
Exam   30 % *** Academic Incentive… 15 % or 50 % Exam***

*** To reach an academic incentive, a student must meet the following criteria...***
1) Misses 5 or fewer classes in a particular subject (school activities and death in the family are exempt).
AND
2) Is in good academic standing (nothing owing for assignments/quizzes/tests) with a passing grade.

To <u>Learn</u> Math Is To <u>Do</u> Math !!!