GEOMETRY, MEASUREMENT AND FINANCE 10
COURSE OUTLINE – FALL 2024

TEACHERS: A. Hallihan, T. Moody & D. Richard

COURSE DESCRIPTION:

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

MATERIALS NEEDED:

- **Scientific calculator**
- Pencils and an eraser
- Notebook/Binder to maintain daily notes and homework exercises

ATTENDANCE:

Students will be expected to maintain excellent attendance with a focus on daily work. In the event of an absence, students are responsible for all missed work. There is an expectation for all students to be committed to their learning and willing to put forth their best effort.

DISTRIBUTION OF TOPICS:

Unit	Topic
1	Angles and Parallel Lines
2	Trigonometry of Right Triangles
3	Systems of Measurement and Conversions
4	Mass, Temperature and Volume
5	Unit Pricing and Currency Exchange
6	Earning an Income
7	Financial Services
8	Surface Area, Volume and Capacity

EVALUATIONS:

Angles & Trigonometry	30 %
Measurement & Conversions	30 %
Unit Pricing, Earning an Income & Financial Services	20 %
Surface Area, Volume & Capacity	20 %

Final Assessment…

Depending on incentives earned, a student's final mark could be valued at 30% or 15%.
This would result in an overall final calculation as outlined below:

	Semester Work	Final Assessment	Final Grade
Scenario #1	70%	30%	100%
Scenario #2	85%	15%	100%

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