

GEOMETRY, MEASUREMENT AND FINANCE 10

COURSE OUTLINE – FALL 2021



TEACHER: A. Hallihan

COURSE DESCRIPTION:

This mandatory 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 (no cell phones or tablets)**
- 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. The class size is small so 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 | Earning an Income |
| 4 | Financial Services |
| 5 | Unit Pricing and Currency Exchange |
| 6 | System of Measurement and Conversions |
| 7 | Mass, Temperature and Volume |
| 8 | Surface Area, Volume and Capacity (Chapter 6) |

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| EVALUATION: | Angles & Trigonometry | 20 % |
| | Earning an Income & Financial Services | 15 % |
| | Unit Pricing & Proportions | 15 % |
| | Measurement & Conversions | 15 % |
| | Surface Area, Volume & Capacity | 15 % |
| | Exam | 20 % |

To Learn Math Is To Do Math !!!