

1 Outline of Unit

Duration: 15 days, including practical applications, review, and unit test.

- Graph the six trigonometric functions.
- Describe the amplitude and period of a trigonometric equation.
- Calculate the domain and range of a trigonometric equation.
- Applications:
 - Radio communications
 - Computer communications

2 Deliverables

- **Worksheet 17** - Recognizing a, b, c, d
- **Worksheet 18** - Graphing sine and cosine equations 01
- **Worksheet 19** - Graphing sine and cosine equations 02
- **Worksheet 20** - Graphing sine and cosine equations 03
- **Quiz** - Graphing sine and cosine equations
- **Worksheet 21** - Graphing secant and cosecant equations 01
- **Worksheet 22** - Graphing secant and cosecant equations 02
- **Worksheet 23** - Graphing tangent and cotangent equations 01
- **Worksheet 24** - Graphing tangent and cotangent equations 01
- **Unit Test**