

## Unit 4: Trigonometry

*T1: Determine the values of the trigonometric ratios for angles less than  $360^\circ$ ; prove simple trigonometric identities; solve problems using the primary trigonometric ratios, the sine law and the cosine law.*

Lesson	Topic	Homework
4.0	Review of Grade 10 Trigonometry	Pg. 274 # 1, 2a, 4a, 5a, 6, 7 Pg. 281 # 7, 8, 12, 16ab
4.1A	CAST Rule and Angles Greater than $90^\circ$	Pg. 299 # 2ab, 5i, 6, 9, 12, 15
4.1B	CAST Rule and Angles Greater than $90^\circ$	Handout 4.1B
4.2	Special Angles and the Unit Circle	Handout 4.2A – Circled Questions
4.3A	Reciprocal Trigonometric Ratios	Pg. 280 # 4, 5, 6 Pg. 304 # 1, 2, 3, 6, 13
4.3B	Work Period	Handout 4.3B
4.4A	Problems in Two Dimensions	Pg. 318 # 4, 7 Pg. 326 # 3, 4, 5 Challenge problems from last page of lesson
4.4B	Ambiguous Case	Pg. 318 #2, 3, 4a, 5, 6
4.5	Problems in Three Dimensions	Pg. 332 # 3a, 4, 6, 7, 10, 13
4.6A	Trig Identities (Day 1)	Pg. 310 # 1ac, 3 4.6A/B Handout Day 1 Questions
4.6B	Trig Identities (Day 2)	4.6A/B Handout Day 2 Questions
	Review	

**Test Date:** \_\_\_\_\_