



**ATENEO DE DAVAO UNIVERSITY**

High School Unit

SY 2013-2014

Mathematics 4

Functions, Statistics and Trigonometry

Scope and Sequence with Self Assessment

Fourth Quarter

Fill in the *Date* and put a check mark on the cell which best describes your performance in the class for a particular lesson.

Date	Lesson No.	Topic	Page No.	Self – Assessment Rating					
				0	1	2	3	4	5
		<b>UNIT 5 – SEQUENCE, SERIES, COMBINATION AND PROBABILITY</b>							
		<b>CHAPTER 8: SEQUENCES, SERIES AND COMBINATIONS</b>							
	7-1	Basic Principles of Probability	426						
	7-2	Addition Counting Principles	433						
	7-3	Multiplication Counting Principles	440						
	7-4	Permutations	488						
	8-6	Combinations	503						
	8-7	Pascal's Triangle	509						
	8-8	The Binomial Theorem	516						
	8-1	Formulas for Sequences	445						
	8-3	Arithmetic Series	523						
	8-4	Geometric Series	529						
	8-5	Infinite Series	535						
		<b>UNIT 6 – CIRCULAR FUNCTIONS AND TRIGONOMETRY</b>							
		<b>Chapter 4: CIRCULAR FUNCTIONS</b>							
	4-1	Measures of Angles and Rotations	232						
	4-2	Lengths of Arcs and Areas of Sectors	239						
	4-3	Sines, Cosines, and Tangents (Quadrantal angles)	245						
	13-1	The Secant, Cosecant, and Cotangent Ratios	806						
	4-5	Exact Values of Sines, Cosines and Tangents (Non – Quadrantal angles)	257						
	4-4	Basic Identities Involving Sine, Cosine, and Tangent	251						
	4-6	Graphs of Sine, Cosine and Tangent Functions	262						
		<b>CHAPTER 5: TRIGONOMETRIC FUNCTIONS</b>							
	5-1	Trigonometric Ratios in Right Triangles	310						
	5-2	The Law of Cosines	316						
	5-3, 5-5, 5-6	The Inverse Cosine, Sine and Tangent Function Graphs	321, 334, 340						
	5-4	The Law of Sines	327						

RATING	DESCRIPTION	IMPLICATION
5	Very Easy	I understand very well the lesson.
4	Easy	I understand well the lesson.
3	Moderate	I understand the lesson but I need more practice.
2	Difficult	I need more examples and exercises.
1	Very Difficult	I'll consult the teacher after class.
0	Absent	I will catch up with the lesson(s) that I missed.