

SALEM - Immanuel Lutheran College

S.4 Mathematics Course Outline (2011 – 2012)

Textbook: New Century Mathematics – Book 4A, 4B (Oxford)

Teachers:

Class A	Class B	Class C	Class D	Class E	Class F
Ho KC	Ma SL	Young KM	Lau KK	Ho KC	Ma SL

<i>Date</i>	<i>Chapter</i>	<i>Topics</i>	<i>No. of periods</i>	<i>Test / Exam</i>
2/9/11 – 16/9/11	1	<i>Number System</i>	10	UT 1 26/10/11 – 31/10/11
19/9/11 – 4/10/11	3	<i>Quadratic Equations in One Unknown</i>	18	
11/10 Quiz 1				
6/10/11 – 25/10/11	4	<i>Basic Knowledge of Functions</i>	14	
1/11/11 – 15/11/11	5	<i>Quadratic Functions</i>	12	
16/11/11 – 2/12/11	6	<i>More About Polynomials</i>	14	
7/12 Quiz 2				
2/12/11 – 9/1/12	2	<i>Equations of Straight Lines</i>	18	
First Examination: Paper 1: 90 minutes Paper 2: 45 minutes				
Ch. 1-6				
3/2/12 – 15/2/12	8	<i>Exponential Functions</i>	12	UT2 16/4/12 – 19/4/12
16/2/12 – 2/3/12	9	<i>Logarithmic Functions</i>	16	
14/3 Quiz 3				
5/3/12 – 13/4/12	10	<i>Rational Functions</i>	14	
20/4/12 – 8/5/12	11	<i>Basic Properties of Circles</i>	14	
9/5/12 – 24/5/12	12	<i>More About Basic Properties of Circles</i>	14	
28/5 Quiz 4				
25/5/12 – 12/6/12	13	<i>Trigonometry</i>	14	
Second Examination: Paper 1: 90 minutes Paper 2: 60 minutes				
Ch. 1 – 13				