



MATHEMATICAL METHODS UNIT 1&2

Area of study for Mathematics Methods include Functions and Graphs, Algebra, Calculus and Probability.

SEMESTER ONE UNIT 1

Outcome	SAC
1. Define and explain key concepts and apply a range of related mathematical routines and procedures.	<u>HOLIDAY HOMEWORK ASSESSMENT TASK : Linear Functions</u> 50 minutes with CAS no notes <u>SAC 1: Quadratic Functions</u> 100 minutes Part A: No notes, No CAS Part B: 1A4 summary sheet and CAS
2. Apply mathematical processes in non-routine contexts, and analyse and discuss these applications of mathematics.	<u>SAC 2: Functions and Relations</u> 100 minutes No notes No CAS
3. Use technology to produce results and carry out analysis in situations requiring problem-solving, modelling or investigative techniques.	<u>SAC 3: Polynomial Functions</u> 100 minutes Part A: No notes, No CAS Part B: 1A4 summary sheet and CAS

SEMESTER TWO UNIT 2

Outcome	SAC
1. Define and explain key concepts and apply a range of related mathematical routines and procedures.	<u>SAC 1: Logs and Exponentials</u> 100 minutes No notes No CAS
2. Apply mathematical processes in non-routine contexts, and analyse and discuss these applications of mathematics.	<u>SAC 2: Circular Functions</u> 150 minutes 1A4 summary sheet and CAS
3. Use technology to produce results and carry out analysis in situations requiring problem-solving, modelling or investigative techniques.	<u>SAC 3: Calculus</u> 100 minutes Part A: No notes, No CAS Part B: 1A4 summary sheet and CAS