FURTHER MATHEMATICS UNIT 1 & 2

Students to study Linear Graphs and Modelling, Number Patters and Recursion, Arithmetic, Financial Mathematics, Matrices during Semester 1.

SEMESTER ONE

Outcome	SAC Conditions
1. Use and apply a range of mathematical concepts, skills and procedures from selected areas of study to solve problems based on a range of everyday and real-life contexts.	SAC 1 (Linear Graphs and Modelling) SAC 2 (Number Pattern and Recursion) SAC 3 (Arithmetic) SAC 4 (Financial Mathematics) SAC 5 (Matrices)
2. Apply mathematical procedures to solve practical problems in both familiar and new contexts, and communicate their results. To achieve this outcome the student will draw on knowledge and	SAC 1 (Linear Graphs and Modelling) SAC 2 (Number Pattern and Recursion) SAC 3 (Arithmetic) SAC 4 (Financial Mathematics) SAC 5 (Matrices)
3. Select and use technology to solve problems in practical contexts.	SAC 1 (Linear Graphs and Modelling) SAC 2 (Number Pattern and Recursion) SAC 3 (Arithmetic) SAC 4 (Financial Mathematics) SAC 5 (Matrices)
	For all SACs **Allowed material** **A single A4 page of double sided notes** **One CAS calculator allowed** **One Scientific calculator allowed**

Students to study Graphs and Networks, Statistics, and Linear Programming during Semester 2.

SEMESTER TWO

Outcome	SAC/SAT
1. Use and apply a range of mathematical concepts, skills and procedures from selected areas of study to solve problems based on a	SAC 1 (Graphs and Networks) SAC 2 (Statistics - Univariate) SAC 3 (Statistics - Bivariate) SAC 4 (Linear Programming)

range of everyday and real-life contexts.	
2. Apply mathematical procedures to solve practical problems in both familiar and new contexts, and communicate their results. To achieve this outcome the student will draw on knowledge and	SAC 1 (Graphs and Networks) SAC 2 (Statistics - Univariate) SAC 3 (Statistics - Bivariate) SAC 4 (Linear Programming)
3. Select and use technology to solve problems in practical contexts.	SAC 1 (Graphs and Networks) SAC 2 (Statistics - Univariate) SAC 3 (Statistics - Bivariate) SAC 4 (Linear Programming)
	For all SACs **Allowed material** **A single A4 page of double sided notes** **One CAS calculator allowed** **One Scientific calculator allowed**