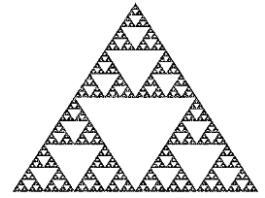




Mathematics A



Overview

To attain a QCE students must pass a numeracy subject. It is therefore essential that students select the subject that is right for them.

Senior Mathematics is offered through four different subjects, Prevocational Maths, Maths A, Maths B and Maths C (see the related links section for information on the other options).

Some Mathematics subjects are a prerequisite (or are recommended) for studying some university subjects. Please check the relevant university guides to make sure you make the correct choices.

Mathematics A is an authority subject meaning it can contribute towards an OP. It is a good choice for students wishing to follow a university pathway that is not in the Science, Mathematics, Medical or Engineering fields, for example Business, Education or the Arts.

As well as leading towards university Maths A is designed towards trade, TAFE and workforce pathways. Maths A focuses on real life applications of mathematical concepts; an example of this is the unit 'Managing Money'.

Assessment is conducted in Mathematics A via an assignment and two exams each semester. Although some time is given in class to complete assignments it is expected that a significant proportion be completed by the student outside of class time.

Subject Requirements

It is recommended that a student have achieved at least a 'C' standard in year 10 Core Mathematics before attempting Mathematics A.

It is a requirement of Mathematics A that all students have their own text book, exercise book, scientific calculator and stationary (see the P&C supplied booklist for details).

Subject Outline

Semester 1	Applied Geometry (Measurement, Angles, Latitude & Longitude and Time Zones) Managing Money (Wages, Salary, Commission, Profit and Currency) Data Collection & Presentation (Graphs)
Semester 2	Data Collection & Presentation (Measures of spread, Grouped data and Probability) Applied Geometry (Scale drawing and Building plans) Managing Money (Tax and GST)
Semester 3	Managing Money (Interest rates, Inflation and Appreciation & Depreciation) Land Measurement (Measurement and Direction) Networks Data Collection & Presentation (Statistics and Probability)
Semester 4	Queuing Land Measurement (Surveying and Contour Maps) Managing Money (Bonds, Shares and Real Estate)

Study Pathways

