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.

Maths B is an authority subject meaning it contributes towards an OP. Assessment in this subject is comprised of one assignment and two exams per semester. It is expected that a significant amount of assignment work and independent study is completed outside of class time.

Maths B has a strong problem solving focus and relies heavily on the use of algebra to solve problems mathematically. It is a good choice for students wishing to follow a university pathway in the Science, Mathematics, Medical or Engineering fields.

Subject Requirements

Due to the rigorous content and higher order thinking required to complete Mathematics B it is essential that students have achieved at least a ‘B’ standard in year 10 Extension Mathematics.

It is a requirement of Mathematics B that all students have their own text book, exercise book, scientific calculator and stationary (see the P&C supplied booklist for details). It is also recommended that students purchase a TI-84 plus Graphics calculator (these can be supplied by the P&C resource scheme).

Subject Outline

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<th>Functions</th>
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<td>Semester 2</td>
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<td>Statistics and Probability</td>
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Study Pathways

Junior

- Short Course in Numeracy
- Core Mathematics
- Extension Mathematics

Year 10

- Prevocational Mathematics
- Mathematics A
- Mathematics B
- Mathematics C

Senior

- Prevocational Mathematics
- Mathematics A
- Mathematics B
- Mathematics C

Tertiary

- University Courses
  - Mathematical or Engineering
  - Tertiary Courses
    - Mathematical and Engineering
  - Tertiary Courses
    - Not Sciences, Medical, Mathematical or Engineering
  - Tertiary Courses
    - Workforce, Trades or TAFE
  - University Courses
    - Mathematical or Engineering
  - University Courses
    - Tertiary Courses
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