



<b>INCOMPATIBLE SUBJECTS</b>	SPECIALIST MATHEMATICS	<b>DEPENDENT SUBJECTS</b>	NIL
<b>PRE REQUISITE SUBJECTS</b>	CORE MATHEMATICS – C COMPLETED EXTENSION MATHEMATICS	<b>POTENTIAL QCE POINTS</b>	4
<b>FINANCIAL COMMITMENT</b>	NIL	<b>CONTRIBUTES TO ATAR</b>	YES

### COURSE CONTENT

UNIT 1	UNIT 2	UNIT 3	UNIT 4
<b>Money, measurement and relations</b>  Covering profit, discounts, wages, flat rate loans, government payments, shares, area and volume of 2D and 3D shapes, applications of Pythagoras, determining equations of a line, breakeven points and simultaneous solutions.	<b>Applied Trigonometry, algebra, matrices and univariate data</b>  Covering applications of trigonometry in right and non-right triangles, bearings, area of non-right triangles, linear relationships, simple matrices and using univariate data to solve problems and make decisions.	<b>Bivariate data, sequences and change and Earth geometry</b>  Covering association and causation, linear regressions and least squares analysis, times series analysis, arithmetic and geometric sequences, and travel and time zones.	<b>Investing and networking</b>  Covering a range of loans and effective interest rates, applications of networks to solve problems through decision mathematics.
ASSESSMENT	ASSESSMENT	SUMMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT
Exam	Assignment: PSMT Exam	Assignment: PSMT Exam	Exam Exam (External)

### COURSE REQUIREMENTS

Students require an approved scientific calculator in this subject.

[https://www.qcaa.qld.edu.au/downloads/senior-qce/common/snr\\_syll\\_ea\\_scientific\\_calculators\\_list.pdf](https://www.qcaa.qld.edu.au/downloads/senior-qce/common/snr_syll_ea_scientific_calculators_list.pdf)

### CAREER PATHWAYS

A course of study in General Mathematics can establish a basis for further education and employment in the fields of business, commerce, education, finance, IT, social science and the arts.

### INTERNET LINKS

- | [Careers Powered by Maths](#)
- | [Protecting Forests with Maths](#)
- | [Careers with Maths and Data!](#)
- | [Careers in Mathematics and Statistics](#)

### REAL PEOPLE TALKING ABOUT MATHEMATICS



Hear what students from Caboolture State High School say about General Mathematics.

