



INCOMPATIBLE SUBJECTS	NIL	DEPENDENT SUBJECTS	NIL
PRE-REQUISITE SUBJECTS	C(or above) Year 9 Mathematics	POTENTIAL QCE POINTS	NIL
COURSE DURATION	One Year	CONTRIBUTES TO ATAR	No
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE	DELIVERY PARTNERSHIP	n/a
COURSE REQUIREMENTS	<p>Students require an approved scientific calculator in this subject.</p> <p>Year 10 General Mathematics is a prerequisite for Year 11 General Mathematics.</p>		

COURSE CONTENT

UNIT 1	ASSESSMENT
<p>Measurement</p> <p>Students investigate how to apply area formulas to find area of regular shapes and volume in prisms. Students apply their learning to real world problems.</p>	Exam
UNIT 2	ASSESSMENT
<p>Geometry and Trigonometry</p> <p>Students explore how similarity of triangles can describe the relationship between triangles. Students investigate Pythagoras theorem and trigonometric rules to solve real world problems.</p>	Exam
UNIT 4	ASSESSMENT
<p>Data and Chance</p> <p>Students explore real life data activities to understand how the distribution of larger data sets informs analysis. Student explore the probability of multiple events occurring and compare this to real life occurrences.</p>	Assignment & Exam
UNIT 4	ASSESSMENT
<p>Algebra and Linear Functions</p> <p>Students explore linear functions and the relationship between the graph and equation. Students extend their index laws understanding to apply these in algebraic situations.</p>	Exam

CAREER PATHWAYS

Mathematics helps us develop analytical and reasoning skills. Reasoning is the ability to think logically about a situation. Analytical and reasoning skills are valuable because they help us solve problems and look for solutions. Many future careers will require sound mathematical, analytical and reasoning skills.

FIND OUT MORE

Mathematics in the NRL	https://youtu.be/BilJ10URb1I
Mathematics in Nursing	https://youtu.be/w3vAj57UCwI
Mathematics in Teaching	https://youtu.be/LgEV11KqPAk
	https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/