



Level 2 Mathematics : (L2MAT)

NCEA Level:

Level 2

Primary Qualification:

NCEA

Primary Learning Area:

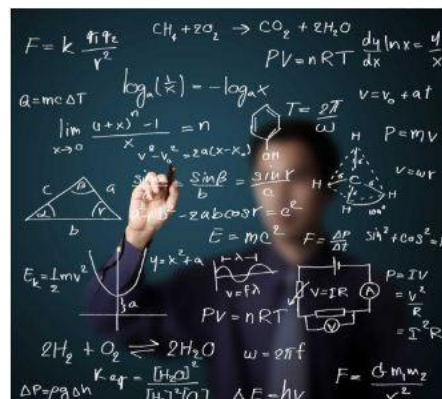
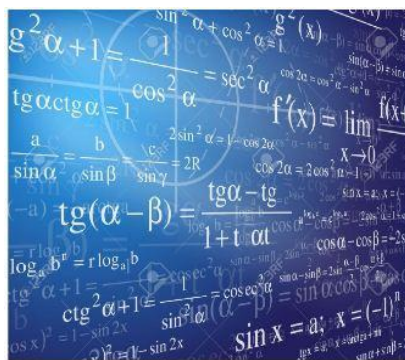
Mathematics

Date:

2020

Teachers:

Ms Tyla Stevenson
Mr Clarrie Yates



Standards on Offer

NCEA Level	Standard Number	Standard Descriptor	Credits	Assessment	Literacy	Numeracy	Vocational Pathways
2	AS91256 03	MATS2.1 - Apply co-ordinate geometry methods in solving problems	2	Internal	No	Yes	C&I, M&T, SI, CI
2	AS91257 03	MATS2.2 - Apply graphical methods in solving problems	4	Internal	No	Yes	C&I, M&T, PI, SI, CI
2	AS91259 03	MATS2.4 - Apply trigonometric relationships in solving problems	3	Internal	No	Yes	C&I, M&T, CI
2	AS91261 03	MATS2.6 - Apply algebraic methods in solving problems	4	External	No	Yes	C&I, M&T, PI, CI
2	AS91262 03	MATS2.7 - Apply calculus methods in solving problems	5	External	No	Yes	C&I, M&T, PI, CI
2	AS91267 03	MATS2.12 - Apply probability methods in solving problems	4	External	Yes	Yes	PI, SI, SC, CI
Total Available Credits			22				

Note: Courses are subject to change with the review of courses at the end of each year. Course is endorsable.

Course Outline

Term 1 3 February - 9 April 2020 (10 weeks)	Term 2 28 April - 3 July 2020 (10 weeks)	Term 3 20 July - 25 September 2020 (10 weeks)	Term 4 12 October - early November 2020 (4 weeks)
AS91256 (5 weeks) AS91257 (4 weeks) AS91259 (2 weeks)	AS91259 (2 weeks) AS91261 (5 weeks)	AS91262 (4 weeks) AS91267 (4 weeks)	Revision for externals
KEY DATES: Week 4: Assessment Week 19: Assessment	KEY DATES: Week 2: Assessment Week 6: Assessment	KEY DATES: Week 10: Examinations	KEY DATES: Week 5: NZQA Examinations

What will I learn and how will I learn?

This is a 22 credit course covering Algebra, Calculus, and Probability. It is a mostly theoretical Level 2 course in Mathematics, which involves considerable algebraic content and is designed to lead into Level 3 Mathematics in Calculus or Statistics or BOTH.

Success in this course is largely dependent on the students' commitment to the work required in class and their homework. The Mathematical skills necessary for this course are learnt through practice and more practice. It is NOT sufficient to do a few problems in class and then to stop. Every night after Mathematics, they need to go over the work that they did in the classroom.

Students will be given important information sheets during the year that they will need to refer to from time to time. Students are strongly advised to buy a clear file and use it to store this information. They should also keep all their assignments, tests, exams etc as they are all very useful for study purposes. A scientific calculator is essential. While the school has sets available for use at school, students need their own for homework and other out of school activities. The department has some calculators available for purchase at very competitive prices. Check with the class teacher or Mr Small.

Entry Criteria

For entry into Level 2 Mathematics students must have obtained 14 credits from Level 1 Mathematics standards, including Achievement Standard 91027 (MATS 1.2 (MCAT)).

Conditions of Assessment

Resubmission and Further Assessment Opportunities

No further assessment opportunities are offered in this course.