

COURSE INFORMATION

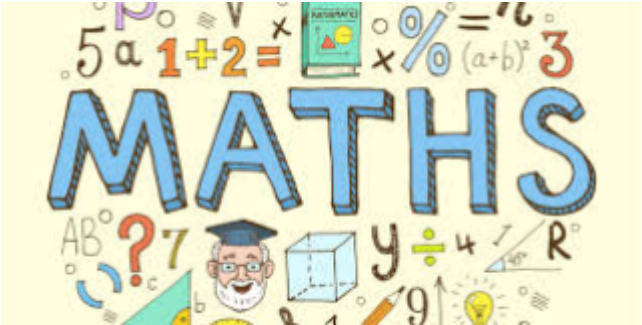
EXPLORE MATHEMATICS	EXMAT	2026	MATHEMATICS
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HE AHA TE WHAKAMAARAMATANGA O TEENEI MARAU? - WHAT IS THIS COURSE ABOUT?

"It's not that I'm so smart, it's just that I stay with problems longer."
- Albert Einstein

Get hands-on with the maths that connects to real life. In EXMAT, you'll explore networks, critical paths, statistical inquiry, and trigonometry in ways that make sense and matter. Whether it's planning the fastest route, making sense of data, or understanding how angles shape our world, this course builds your confidence and skills in everyday maths.

EXMAT is all about thinking clearly, solving problems, and seeing how maths fits into your future.



HE AHA TAAKU E AKO AI? - WHAT TYPES OF LEARNING ACTIVITIES WILL I DO?

This course will develop your applied mathematics and numeracy skills as you engage in a range of learning activities such as:

- Planning and optimising real-world situations using **networks and critical path analysis**
- Conducting **statistical investigations** and interpreting data using graphs and digital tools
- Exploring **trigonometry** through practical measurement and real-life contexts
- Strengthening **numeracy skills** needed for assessments and everyday problem-solving

EOTC OPPORTUNITIES & COMMUNITY CONNECTION	PATHWAYS	COURSE REQUIREMENTS (IF APPLICABLE)
None planned at present	PREFERRED PRIOR LEARNING: N/A LEADS ON TO (FURTHER STUDY): SALGC, SSTA	Workbook

ASSESSMENT OPPORTUNITIES

STANDARD(S)													
ESTIMATED DUE DATE	STANDARD & VERSION	NCEA SUBJECT	LEVEL	STANDARD TITLE	CREDIT TOTAL	<u>LIT</u>	<u>NUM</u>	<u>UER</u>	<u>UEW</u>	I/E	ASSESSMENT MODE	FURTHER ASSESSMENT OPPORTUNITY	
7 -8 Weeks	AS91944 Version 4	MATHEMATICS	1	Explore data using a statistical enquiry process.	5	NO	Y	NO	NO	I	ASSIGNMENT	N	
7-8 Weeks	AS91259 Version 3	MATHEMATICS	2	Apply trigonometric relationships in solving problems.	3	NO	Y	NO	NO	I	TEST	N	
6-7 Weeks	AS91260 Version 3	MATHEMATICS	2	Apply networks methods in solving problems	2	NO	Y	NO	NO	I	TEST	N	
7-8 Weeks	AS91576 Version 2	MATHEMATICS	3	Use critical path analysis in solving problems.	2	NO	Y	NO	NO	I	TEST	N	
SUBJECT ENDORSEMENT NOT AVAILABLE				SUBJECT CREDIT TOTAL		12							

FREQUENTLY ASKED QUESTIONS

- What happens if I am struggling to meet a deadline?
 - If you have a legitimate reason, you can apply for an extension. More information and the extension form can be found [here](#).
- Can I use AI in my assignments?
 - Usually not for assessed work, but on occasion yes, depending on what stage of the assignment you are at. Using AI can often result in a [breach of NCEA rules](#). Please read [the Authenticity section](#) on Te Hinaki carefully and ask your teacher for guidance before you use AI.
- Can I get a resubmission on assessments?
 - Resubmissions may be offered if, in the opinion of the teacher assessing it, you are close to the Achieved grade boundary. More information about this can be found [here](#).
 - If you think there has been a mistake with how your assignment has been graded, there is an appeals process you can follow. Go [here](#) for more information.
- What’s the difference between a RESUBMISSION and a FURTHER ASSESSMENT OPPORTUNITY?

- A **resubmission** may be offered by your teacher after an assessment has been marked if, at the teacher's discretion, your work was given NOT ACHIEVED but is close to the ACHIEVED boundary. A resubmission will allow you to do extra work for a short period of time (usually about an hour), without any further teaching, to bring the grade from a NOT ACHIEVED to an ACHIEVED. No higher grade than this is possible for a resubmission.
- A **further assessment opportunity** is a brand new assessment task for a Standard that is offered to students after further teaching has occurred. This is offered to all students in the course, although not everyone is obliged to take it up. The higher of the two grades will be reported to NZQA. Because further assessment opportunities require extra teaching time and extra time to complete the assessment it is often not feasible for further assessment opportunities to be offered.