



COURSE INFORMATION

MASTERY STATISTICS	MSTA	2026	MATHEMATICS
HE AHA TE WHAKAMAARAMATANGA O TEENEI MARAU? - WHAT IS THIS COURSE ABOUT?			
<p>“Without data you’re just another person with an opinion.”</p> <p>- W. Edwards Deming, <i>Data scientist</i></p> <p>Explore real-world data sets to tackle big questions and uncover meaningful insights. Delve deeper into probability theories and distributions, building skills that are highly valued in university courses such as Commerce, Engineering, and Psychology.</p>			
HE AHA TAAKU E AKO AI? - WHAT TYPES OF LEARNING ACTIVITIES WILL I DO?			
<p>This course will develop your critical thinking and problem-solving skills while you engage in your learning. This would include:</p> <ul style="list-style-type: none">● Question data, identify patterns, and evaluate arguments based on evidence.● Learn to collect, organize, analyze, and interpret data, including using various statistical methods● Understanding relationships between variables and making inferences based on data● Apply your knowledge to real-world problems, such as in research, decision-making, or project planning.			
EOTC OPPORTUNITIES & COMMUNITY CONNECTION	PATHWAYS		COURSE REQUIREMENTS (IF APPLICABLE)
None planned at present	<p>PREFERRED PRIOR LEARNING: SSTA </p> <p>LEADS ON TO (FURTHER STUDY): STATISTICS FOR BIOLOGICAL/ PHYSICAL/ENVIRONMENTAL SCIENCES, PSYCHOLOGY , ECONOMICS, ACCOUNTING, etc</p>		<ul style="list-style-type: none">● Statistics book (3.13, 3.14)● Workbook● Graphics/Scientific Calculator (Graphics calculator preferred)

ASSESSMENT OPPORTUNITIES

STANDARD(S)													
ESTIMATED DUE DATE	STANDARD & VERSION	NCEA SUBJECT	LEVEL	STANDARD TITLE	CREDIT TOTAL	LIT	NUM	UE R	UE W	I/E	ASSESSMENT MODE	FURTHER ASSESSMENT OPPORTUNITY	
LATE TERM 1	AS91581 Version 2	STATISTICS	3	Investigate bivariate measurement data	4	NO	Y	NO	NO	I	REPORT	N	
MID TERM 2	AS91582 Version 2	STATISTICS	3	Use statistical methods to make a formal inference	4	NO	Y	NO	NO	I	REPORT	N	
END OF YEAR	AS91585 Version 2	STATISTICS	3	Apply probability concepts in solving problems	4	NO	Y	NO	NO	E	EXAM	N	
END OF YEAR	AS91586 Version 2	STATISTICS	3	Apply probability distributions in solving problems	4	NO	Y	NO	NO	E	EXAM	N	
SUBJECT ENDORSEMENT AVAILABLE				SUBJECT CREDIT TOTAL		16	UE APPROVED IN STATISTICS						

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.

