



LEVEL 3 TATOU - CALCULUS COURSE INFORMATION 2022

Year 13 Calculus is a full year course in which you have the opportunity to gain up to 21 Level 3 credits for NCEA, with 1 Achievement Standard (4 credits) internally assessed, and the remainder assessed by external examination at the end of the year.

	Topic	Standard	Time	Assessment
Term 1 10 weeks	Algebra of Real Numbers	AS 91577 5 credits	4 weeks	Test at end of week 4?
	Algebra of Complex Numbers and locus	AS 91577 Contd.	5 weeks	External
	Trigonometry	AS 91575 4 credits	1 week	
Term 2 10 weeks	Trigonometry		3 weeks	Internal Week 3
	Differentiation	AS 91578 6 credits	7 weeks	External
Term 3 9 weeks	Integration	AS 91579 6 credits	3 weeks	External
EXAM Week 5 Practice for 91577, 91578				
	Integration continued		5 weeks	Derived grade test end term 3
Term 4 2 weeks	Revision		2 weeks	
Final Exam	For 91577, 91578,91579			

Assessment

General information about school policies and procedures for assessment are contained in your school handbook. It is important that you are aware of the school policies about assessment. If you are in doubt about anything, please ask your teacher. It is your responsibility to be well informed about the requirements.

The plan above gives a general indication of the timing of assessments, but the Mathematics Department will give at least one week's notice of the exact day and time of a final assessment for an Internal Achievement Standard. Note dates and times carefully in your diary and discuss any problems with timing with your teacher in advance.

Achieved, Merit and Excellence Requirements:

It is important that you are fully informed of the requirements for gaining each grade level. Read the checklist supplied for each standard carefully. Your teacher will go over this with you.

For the internal Achievement Standard there will be a formative assessment which will be marked and returned to you with feedback. This will enable you to see exactly what the requirements are and do further work if necessary before the final task. There will be no further assessment opportunity for the internal Standard.

Checking Results:

Marking will be done carefully and checked, but there is always a possibility of an error. After an assessment, you will have an opportunity to check your results. *During this time you must not mark the test paper in any way, or take it out of the room.*

If you disagree with the marking you can ask your teacher for a reconsideration of your work by the marker. If you are not satisfied at this stage, then there is an appeal procedure.

When a result has been checked you should record your result on your own progress record so that at a later date you can check and sign the assessment record kept on the school database. This record will then be sent to NZQA directly.

Assessed work will be stored at school.

Derived Grades:

The external standards are assessed by examination at the end of the year. If you require a derived grade because you are unable to sit the examination, you will get whatever grade you earned for that standard in the school examination or end of topic test.

Level 3 Calculus Standards 2022

Achievement Standard Number	Subject Reference	Version Number	Title	Mode of Assessment	Credits	Literacy or Numeracy
91575	3:3	v2	Apply trigonometric methods in solving problems	Internal	4	L3 Numeracy
91577	3:5	v2	Apply the algebra of complex numbers in solving problems	External	5	L3 Numeracy
91578	3:6	v2	Apply differentiation methods in solving problems	External	6	L3 Numeracy
91579	3:7	v2	Apply integration methods in solving problems	External	6	L3 Numeracy

