



Otumoetai College

Mathematics Department

National Certificate in Educational Achievement

Level 3 Statistics (L3STATB) 2017

To the students:

This course is designed to prepare students for tertiary study which may involve statistics. L3STATB is **not** designed to support attempting the Scholarship Statistics examination.

Resources:

The homework book is broken into several booklets, each one relating to a standard that the students are sitting. These booklets will be ordered at the start of the year and given to you when each standard is taught.

Students in L3STATB will only need a standard scientific calculator. Note that NZQA has a list on its website of approved calculators for use in external examinations.

ICT Policy:

Use of computers, networks and ICT equipment is critical for many of the internally assessed standards. Participation in this course is dependent on the use of the college's ICT facilities. Students are expected to comply with the school's ICT policy. Breaking this agreement may be grounds for removal from this course.

Assessment:

Each course consists of six Achievement Standards. Four internally assessed topics and two externally assessed topics

L3STATB – Statistics

Standard	Assessment	Title	Credits	Term
AS91580	Internal	Investigate time series data	4	1
AS91581	Internal	Investigate bivariate measurement data	4	1
AS91574	Internal	Apply Linear Programming methods in solving problems	3	2
AS91583	Internal	Conduct an experiment to investigate a situation using experimental design principles	4	3
AS91584	External	Evaluate statistically based reports	4	2,3
AS91576	Internal	Use Critical Path Analysis in Solving Problems	3	3-4

Achievement Standard, AS 91580, will be due in Week 6 of Term 1.

Achievement Standard, AS 91581, will be due in Week 11 of Term 1.

Achievement Standard, AS 91574, will be due in Week 10 of Term 2.

Achievement Standard, AS 91583, will be due in Week 5 of Term 3.

Achievement Standard, AS 91576, will be due in Week 3 of Term 4.

Note that for AS 91583 (Experiments), **students MUST be present** in their Statistics class for the data gathering phase of the assessment. In 2017, this is scheduled for Monday, 21st August. Students who are absent (for any reason, including illness or other school commitments) will be unable to meet the requirements of this assessment.

Each Achievement Standard will be awarded its own separate grade.

Externally Assessed Standards

The New Zealand Qualification Authority sets the examination papers. What you do on the day of the examination will determine the level of achievement you will be awarded in each of the externally assessed Achievement Standards.

Internally Assessed Standards

The College is responsible for conducting this assessment for qualification. There will be no further assessment opportunities of internal assessed Achievement Standards.

College Examinations

All College assessments and examinations are compulsory.

Recording marks

Your teacher will keep **ALL** assessed work for the internal Standards.

At some time during the year you will be asked to confirm and sign that the data entry on the College database is an accurate record of your results throughout the year.

Moderation between Classes

All assessments are common to all classes and have a common marking schedule.

Inter-class moderation is achieved by check marking across the classes.

Samples of student work will be sent to NZQA to compare with student work from other secondary schools to ensure consistency of standards.

Authenticity of Student Work

All work must be the student's own. If a staff member is in doubt the student will be asked to provide further evidence, orally or in writing, by explaining or solving a similar problem etc.

An inadequate explanation will result in no achievement grade being awarded. NZQA Policy will be followed.

Appeals

If a student is not satisfied with a particular assessment result, the student must discuss it with the class teacher within 24 hours of the assessment being handed back. The assessment **does not** leave the classroom.

Students not satisfied with the discussion should approach the Head of the Mathematics Department (Mr Ellwood) as soon as possible, to collect an application form for appeal within 48 hours, provided the assessment does not leave the room and is handed onto the Head of the Mathematics Department, by the classroom teacher.

Derived Grades

It is necessary to achieve to your full potential throughout the year in all assessments in case the need arises for you to seek a Derived Grade in the final external examination.

Resubmission

You may be asked to resubmit an assessment to correct a minor error, but there will be no further assessment opportunities in this course

Storage of Student Work

The College will keep all student work for internally assessed standards until such time as it is no longer required for moderation purposes.

It is expected of you to satisfactorily prepare yourself for each Achievement Standard Assessment through the guidance of your teacher.



Jason Ellwood
HOD Mathematics
February 2017