



# Otumoetai College

## Mathematics Department

### NCEA Level 2 Statistics 2017 (L2STAT)

To the students:

This course is intended for those students who intend taking Level 3 Statistics but NOT Level 3 Calculus in Year 13.

#### 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. You will be requested to purchase a set of these Workbooks through the school office and classroom.

Students will be expected to have a Calculator available for use in this course. While it is not necessary to have a Graphics Calculator, (such as a Casio FX 9750GII or similar) it may be useful for some standards (especially 91267 the Probability external) Note that NZQA has a list on its website of approved calculators for use in external examinations.

#### ICT Policy:

Note that some standards in this course are 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 mean students are unable to complete some standards, and may be grounds for removal from this course.

#### Assessment

At the beginning of each unit you will be informed as to the form of assessment for the unit. Students can gain a total of 20 credits toward NCEA level 2.

Achievement Standard	Term	Topic	Credit Value	Type of Assessment
AS 91260	1	Use networks in solving problems	2	Internal
AS 91265	1	Conduct an experiment to investigate a situation using statistical methods	3	Internal
AS 91264	1-2	Use statistical methods to make an inference	4	Internal
AS 91266	2	Evaluate a statistically based report	2	Internal
AS 91263	2-3	Design a questionnaire	3	Internal
AS 91268	3	Investigate a situation using a simulation	2	Internal
AS 91267	3-4	Apply probability methods in solving problems	4	External

Each Achievement Standard will be awarded its own separate grade.

Most Achievement Standards are assessed internally. Only AS91267 (Probability) is assessed externally.

## 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

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.

### Note:

1. Should a class be missed, for whatever reason, you are responsible for catching up in your **own time**.
2. In the event of an absence for an extended period, you are expected to see the Head of the Mathematics Department, Mr Ellwood, and the Deans to discuss how you are to catch up on the missed work.
3. Sporting and Cultural Trips are not an excuse for work not being handed in on time. **Permission for extensions** should be sought in advance.



Jason Ellwood  
HOD Mathematics  
February 2017