Otumoetai College
Mathematics Department
NCEA Level 2 Mathematics and Statistics
2017 (L2MATS)

To the students:

This course is intended for those students who do **not** intend to take Level 3 Statistics or Level 3 Calculus. However, if you do particularly well in this course, there may be the possibility of taking Level 3 Statistics.

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.

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 16 credits towards NCEA level 2.

Achievement Standard	Term	Topic	Credit Value	Type of Assessment
AS 91256	1	Apply Coordinate Geometry methods in solving problems	2	Internal
AS 91264	2/2	Use statistical methods to make an inference	4	Internal
AS 91266	2	Evaluate a statistically based report	2	Internal
AS 91259	2/3	Apply Trigonometric Relationships in Solving	3	Internal
AS 91265	3	Conduct an experiment to investigate a situation using	3	Internal
AS 91260	3/4	Use networks in solving problems	2	Internal

Each Achievement Standard will be awarded its own separate grade.

All standards in this course are Internal Assessments. There will be no further assessment opportunities of internal assessed Achievement Standards.

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.

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.

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.

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.

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.

NCEA Level 3 Statistics

For students to be considered to attempt Level 3 Statistics in 2018, they must have achieved a Grade Score Average of 50% in their best 14 credits from their Level 2 Mathematics course to qualify for entry. This equates to passing 14 credits.

Jason Ellwood
HOD Mathematics
February 2017