

# TAITA COLLEGE

## Course: STA301

### General

This exciting course equips the student with the ability to look at what has happened in the world, analyse patterns, justify reasons why things have happened, and to make predictions about what will happen. It also allows students to use what they have learned up until now, and apply it to the real world.

### Total number of credits available:

17 credits internally, 8 externally.

### Graphical Calculator

All students taking this course **MUST** have a suitable graphical calculator. The Casio FX9750GII calculators are suitable and can be purchased for around \$95 (sale price) in many stores at back to school sales in February. There are also a few that are available for hire via the maths department.

### Homework

Standard specific homework books will need to be purchased, as required, during the year at an approximate cost of \$7 per book. Your teacher will advise when a new homework book needs to be purchased during the year.

Standard	Title	Credits	Internal/ External	Literacy	Assessment Date
91581	Investigate bivariate measurement data	4	Internal	L1 Literacy	Term 2: Week 1
91587	Apply systems of simultaneous equations in solving problems	3	Internal	X	Term 2: Week 5
91580	Investigate time series data	4	Internal	L1 Literacy	Term 2: Week 10
91574	Apply linear programming methods in solving problems	3	Internal	X	Term 3: Week 2
91585	Apply probability concepts in solving problems	4	External	X	Term 4: NCEA Examinations
91586	Apply probability distributions in solving problems	4	External	X	Term 4: NCEA Examinations

This course is endorsable