

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:

16 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
91580	Investigate time series data	4	Internal	L1 Literacy	Term 1: Week 11
91587	Apply systems of simultaneous equations in solving problems	3	Internal	X	Term 2: Week 4
91574	Apply linear programming methods in solving problems	3	Internal	X	Term 2: Week 7
91576	Use critical path analysis in solving problems	2	Internal	X	Term 2: Week 10
91581	Investigate bivariate measurement data	4	Internal	L1 Literacy	Term 3: Week 5
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

2020 PLANNER: STA301

Week	DATES	EVENTS	Topics and Standards	DUE DATE
1	29.Jan -31 Jan			
2	03 Feb-07 Feb	06 Feb Waitangi Day		
3	10 Feb-14 Feb		AS 91585 Probability Concepts (3.13)	
4	17 Feb –21 Feb		External	
5	24 Feb- 28 Feb			
6	02 Mar - 06 Mar		AS 91580 Time Series (3.8)	
7	09 Mar-13 Mar	11-13 March Year 11 Ignite	Internal - 4 credits	
8	16 Mar-20 Mar			
9	23 Mar-27 March			
10	30 Marl-03 April		AS 91585 Probability Concepts (3.13)	
11	06 April- 09 April	10 April Good Friday	External	
End of Term 1 Holidays				
1	28 April-01 May	27 April Anzac Day		
2	04 May -08 May		AS 91587 Systems of Equations (3.15)	
3	11 May-15 May		Internal – 3 credits	
4	18 May-22 May			
5	25 May-29 May			
6	02 June 05 June	Queens Birthday	AS 91574 Linear Programming (3.2)	
7	08 June-12 June		Internal - 3 credits	
8	15 June-19 June			
9	22 June-26 June		As 91581 Critical Path (3.4)	
10	29 June-03 July		Internal - 2 credits	
End of Term 2 Holidays				
1	20 July-24 July			
2	27 Jul- 31 July			
3	03 Aug- 07 Aug		AS91581 Bivariate Data (3.9)	
4	10 Aug-14 Aug		Internal – 4 credits	
5	17 Aug-21 Aug			
6	24 Aug- 28 Aug			
7	31 Aug-04 Sept			
8	07 Sept-11 Sept		AS 91267 Probability Distributions (3.14)	
9	14 Sept-18 Sept		External – 4 credits	
10	21 Sept-25 Sept			
End of Term 3 Holidays				
1	12 Oct-16 Oct			
2	19 Oct-23 Oct		Revision	
3	27 Oct- 30 Oct	Labour Day		
4	02 Nov-06 Nov			
5	09 Nov-13 Nov			
6	16 Nov-20 Nov			
7	23 Nov-27 Nov			
8	30 Nov-04 Dec			
9	07 Dec-09 Dec			