

TAITA COLLEGE

Course: MAT321

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. Much of the course will involve the use of technology to do the analysis and some units of work will require a high level of self-direction.

Total number of credits available:

16 credits internally. There are no external assessments in this course

Calculators

All students taking this course should have a suitable scientific calculator. It is important that students are able to make calculations quickly where appropriate. A graphics calculator is **not** necessary.

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
91260	Apply network methods in solving problems	2 (L2)	Internal	X	Term 1: Week 4
91576	Use critical path analysis in solving problems	2	Internal	X	Term 1: Week 7
91581	Investigate bivariate measurement data	4	Internal	L1 Literacy	Term 2: Week 5
91587	Apply systems of simultaneous equations in solving problems	3	Internal	X	Term 2: Week 10
91574	Apply linear programming methods in solving problems	3	Internal	X	Term 3: Week 5
91580	Investigate time series data	4	Internal	L1 Literacy	Term 3: Week 10

This course is not endorsable

2019 PLANNER**Course: MAT321**

WEEK	DATES	EVENTS	Topics and Standards	DUE DATE
1	29.Jan -2-Feb		Year 9 Induction/ Senior Leadership days	
2	04 Feb-8 Feb	6 Feb Waitangi Day		
3	11 Feb-15 Feb		L 2 Networks review and reassessment	
4	18 Feb – 22 Feb	21 Feb Athletics Day	AS91260	
5	25 Feb- 01 Mar			
6	04 Mar - 08 Mar	Yr 12 Hillary Outdoors	Critical Path Analysis	
7	11 Mar-15 Mar	Yr11 Tongariro 13-15	AS91576 - 2 Credits	
8	18 Mar-22 Mar			
9	25 Mar-29 March	Summer Tournament	Bivariate Data Analysis	
10	01 April-05 April		8 - 9 weeks	
11	8 April-12 April			
End of Term 1 Holidays 15 April-28 April				
1	29 April-03 May			
2	06 May -10 May	10/11 Learning Conferences	Note Assessment is done over a period of 5 days	
3	13 May-17 May			
4	20 May-24 May			
5	27 May-31 May	01 June Teacher Only Day	AS91581 - 4 credits	
6	03 June 7 June	04 June Queens Birthday		
7	10 June-14 June		Systems of Equations	
8	17 June-21 June			
9	24 June-28 June			
10	01 July-05 July		AS91587 - 3 credits	
End of Term 2 Holidays 06 July-21 July				
1	22 July-26 July	24 JUL Parent Teacher		
2	29 Jul-02 Aug			
3	05 Aug-9 Aug		Linear Programming	
4	12 Aug-16 Aug			
5	19 Aug-23 Aug		AS 91574 - 3 credits	
6	26 Aug- 30 Aug	26 Aug Mid Term Break		
7	02 Sept-06 Sept	Winter Tournament Week		
8	9 Sept-13 Sept		Time Series	
9	16 Sept-20 Sept			
10	23 Sept-27 Sept	24 Sept Gateway PG	AS91580 - 4 credits	
End of Term 3 Holidays 28 September-13 October				
1	14 Oct-18 Oct	Taita College Exams		
2	21 Oct-25 Oct	21 Oct Labour Day	Reassessment opportunities	
3	28 Oct-01 Nov	31 Oct Senior PG		
4	04 Nov-8 Nov			
5	11 Nov-15 Nov			
6	18 Nov-22 Nov			
7	25 Nov-29 Nov			
8	02 Dec-06 Dec			
9	09 Dec-11 Dec	9 Dec Junior PG		