



Mathematics

## L3BAC Assessment Statement 2018

Course is endorsable

Year : 13

Course : Level 3 Business Accounting and Controls

Mr M Gul

Total Credits : 18

In this course learners will be engaged in problem solving, critical thinking and analysis of Financial Accounts in authentic Accounting contexts. This course will develop an understanding of different business ownership situations. Contexts for learning could include investigating and interpreting Financial Statements of New Zealand company and changing the ownership structure of a business. Possible pathways that this course leads to are careers in Commerce at either diploma or degree level or being able to reduce the costs to a business when preparing Financial Information. This course requires a work book (approx. \$30) and a calculator.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date	Grade	Teacher Signature
1	91405	2	3	4	Num	Accounting 3.2 - Demonstrate understanding of accounting for partnerships	Assignment	1	Term 1 Week 9		
2	91409	2	3	4	Num, L1 Lit	Accounting 3.6 - Demonstrate understanding of a job cost subsystem for an entity	Assignment	1	Term 2 Week 9		
3	91407	2	3	5	Num, L1 Lit, B Lit	Accounting 3.4 - Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	Assignment	1	Term 3 Week 8		
4	91406	2	3	5	Num	Accounting 3.3 - Demonstrate understanding of company financial statement preparation	Exam	External	November 2018		

Please note that the information on this page may be subject to change. Personalised assessment options may also be available through negotiation with learning leaders. You can find detailed information on the school's assessment policies and procedures through the links on the school website. This page may be printed for use as an achievement record.



Mathematics

**L3CALC Assessment Statement 2018**

Course is endorsable

Year : 13

Course : Level 3 Calculus

Mr M Gul

Total Credits : 27

In this course learners will be engaged in problem solving and learning which will involve answering questions in a real world context. This course will develop understanding of Trigonometry, Algebra and Calculus and its applications. Contexts for learning could include maximizing income or minimizing cost, using Trigonometry to solve problems on Ferris wheel. Possible pathways that this course leads to are engineering, computing, architecture and medicine. This course requires a graphic calculator and a fee of \$20 to buy external standards homework book.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date	Grade	Teacher Signature
1	91587	2	3	3	Num	Mathematics and Statistics 3.15 - Apply systems of simultaneous equations in solving problems	Test	1	Term 1 Week 7		
2	91575	2	3	4	Num	Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems	Test	1	Term 2 Week 2		
3	91574	2	3	3	Num	Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems	Test	1	Term 3 Week 9		
4	91577	2	3	5	Num	Mathematics and Statistics 3.5 - Apply the algebra of complex numbers in solving problems	Exam	External	November 2018		
5	91578	2	3	6	Num	Mathematics and Statistics 3.6 - Apply differentiation methods in solving problems	Exam	External	November 2018		
6	91579	2	3	6	Num	Mathematics and Statistics 3.7 - Apply integration methods in solving problems	Exam (Optional)	External	November 2018		

Please note that the information on this page may be subject to change. Personalised assessment options may also be available through negotiation with learning leaders. You can find detailed information on the school's assessment policies and procedures through the links on the school website. This page may be printed for use as an achievement record.



Mathematics

**L3MATH Assessment Statement 2018**

Course is endorsable

Year : 13

Course : Level 3 Mathematics

Mr M Gul

Total Credits : 18

In this course learners will be engaged in problem solving and will research on a context. This course will develop understanding of Systems of Equations and statistical reports. Contexts for learning could include data from Titanic and elite athlete, and maximising profit from musical instruments. Possible pathways that this course leads to are data entry assistant, service technician and nursing. This course requires a scientific calculator and a fee of \$10 to buy external standard homework book.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date	Grade	Teacher Signature
1	91587	2	3	3	Num	Mathematics and Statistics 3.15 - Apply systems of simultaneous equations in solving problems	Test	1	Term 1 Week 7		
2	91574	2	3	3	Num	Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems	Test	1	Term 2 Week 3		
3	91581	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.9 - Investigate bivariate measurement data	Assignment	1	Term 2 Week 9		
4	91582	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.10 - Use statistical methods to make a formal inference	Assignment	1	Term 3 Week 7		
5	91586	2	3	4	Num	Mathematics and Statistics 3.14 - Apply probability distributions in solving problems	Exam	External	November 2018		

Please note that the information on this page may be subject to change. Personalised assessment options may also be available through negotiation with learning leaders. You can find detailed information on the school's assessment policies and procedures through the links on the school website. This page may be printed for use as an achievement record.



Mathematics

**L3STAT Assessment Statement 2018**

Course is endorsable

Year : 13

Course : Level 3 Statistics

Mr M Gul

Total Credits : 20

In this course learners will be engaged in research, experiment, and will investigate on context and concepts to build their background knowledge and will extend their learning. This course will develop understanding of how data can be used to give statistical insight of a context. Contexts for learning could include use of Titanic, elite athletes, and tricky questions data. Possible pathways that this course leads to are research analyst, business and sports science. This course requires a scientific calculator and a fee of \$10 to buy external standard homework book.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date	Grade	Teacher Signature
1	91580	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.8 - Investigate time series data	Assignment	1	Term 1 Week 8		
2	91583	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.11 - Conduct an experiment to investigate a situation using experimental design principles	Assignment	1	Term 2 Week 3		
3	91581	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.9 - Investigate bivariate measurement data	Assignment	1	Term 2 Week 9		
4	91582	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.10 - Use statistical methods to make a formal inference	Assignment	1	Term 3 Week 7		
5	91586	2	3	4	Num	Mathematics and Statistics 3.14 - Apply probability distributions in solving problems	Exam	External	November 2018		

Please note that the information on this page may be subject to change. Personalised assessment options may also be available through negotiation with learning leaders. You can find detailed information on the school's assessment policies and procedures through the links on the school website. This page may be printed for use as an achievement record.