

Mathematics

Mathematics LEVEL 1: [MAT100]

Credits: 19

Leads onto: Level 2 Mathematics MAT200

This Level 1 course in Mathematics is an academic course, preparing students for study of mathematics beyond Level 1. Students will need good algebra skills to achieve success.

Students aiming for University or Polytechnic courses in mathematics, sciences, social sciences, engineering and some humanity subjects should aim for success in this course, which leads on to Level 2 Mathematics.

This course includes standards on Number, Algebra, Statistics, Probability, Graphs with three internally assessed standards and two externally assessed standards with a total of 19 credits being available.

Costs: Workbook \$25

Teacher Contact: Mr Murphy

Mathematics

Mathematics LEVEL 2: [MAT200]

Credits: 18

Leads onto: Mathematics for Engineering and Science MAC, Mathematics for Business and Humanities MAS, Mathematics for Industry and Trade MAT300.

This Level 2 course in mathematics is an academic course preparing students for study of Mathematics beyond Level 2.

Students aiming for University or Polytechnic courses in mathematics, sciences, social sciences, engineering and some humanity subjects should aim for success in this course which leads on to Mathematics for Engineering and Science, Mathematics for Business and Humanities, Mathematics for Industry and Trade.

This course includes standards on Calculus, Statistics, Probability, Networks and Trigonometry with three internally assessed standards and two externally assessed standards with a total of 18 credits being available.

Costs: Workbook \$25

Teacher Contact: Mr Murphy

Mathematics

Mathematics LEVEL 3: Mathematics for Engineering and Science (Maths with Calculus)

MAC300

Credits: 22

Leads onto: Tertiary Study

The aim for this course is to prepare students for study of Mathematics beyond secondary level at Polytechnic or University. Students aiming for University or Polytechnic courses in mathematics, sciences and engineering subjects should aim for success in this course. Calculus has many applications and is a requirement for many tertiary courses.

This course includes standards on Algebra, Calculus and Trigonometry with three internally assessed standards and two externally assessed standards with a total of 22 credits being available.

Students can study Mathematics for Business and Humanities **MAS** along with Mathematics for Engineering and Science **MAC**.

Costs: Workbook \$25

Teacher Contact: Mr Murphy

Mathematics

Mathematics LEVEL 3: Mathematics for Business and Humanities (Maths with Statistics)

MAS300

Credits: 18

Leads onto: Tertiary Study

This is the traditional Mathematics with Statistics course, with the addition of AS 3.15 Simultaneous equations, which is a common requirement for University Maths, Finance & Economics courses.

The aim for this course is to prepare students for study of Mathematics beyond secondary level. Statistics has many applications and is a requirement for many tertiary courses.

This course includes standards on Statistics, Probability and Algebra with three internally assessed standard and two externally assessed standards with a total of 18 credits being available.

Students can study Mathematics for Engineering and Science **MAC** along with Mathematics for Business and Humanities **MAS**.

Costs: Workbook \$25

Teacher Contact: Mr Murphy

Mathematics

Mathematics LEVEL 3: Mathematics for Industry and Trade [MAT300]

Credits: 16

Leads onto: Tertiary Study or the Trades

The aim for this Level 3 course in Mathematics and Statistics is to prepare students for study of Mathematics beyond secondary level. Statistics has many applications and is a requirement for many tertiary courses.

Students aiming for Polytechnic courses, or the trades should aim for success in this course.

This course includes standards on Number, Algebra, Statistics, four internally assessed standards and a total of 16 credits being available.

Teacher Contact: Mr Murphy