

## MATHEMATICS

### MATHEMATICS

### LEVEL 1

### 1MATH

**Requirements for entering the course:**

As directed by the Head of Department based on performance in Year 10 Mathematics.

**FEE: \$10**

Payable by the end of March.

This course helps students to achieve the mathematical and statistical literacy required in employment and in their everyday lives. It also provides the necessary foundation for those students who wish to continue studies in Mathematics at a higher level.

***This course can generate 22 Level 1 Achievement Standard Credits and 20 Level 1 Unit Standard credits***

### MATHEMATICS

### LEVEL 2

### 2MATH / 2MATA

**Requirements for entering the course:**

Achievement grade or above in the following standards:

- Mathematics 90147 (Algebra)
- Mathematics 90148 (Graphs)
- Mathematics 90193 (Statistics)
- Mathematics 90194 (Probability)
- Mathematics 90151 (Number)
- Mathematics 90152 (Trigonometry)

**FEE: \$10**

Payable by the end of March.

**Or** Approval from the Head of Department

This course helps students to achieve the mathematical and statistical literacy required in employment and in their daily lives. It will also provide a necessary foundation for those students who wish to continue studies in Mathematics at a higher level.

***This course can generate 20 Level 2 Achievement Standard Credits and 9 Level 2 Unit Standard credits***

### CALCULUS

### LEVEL 3

### 3MATC

**Requirements for entering the course:**

Achievement grade or higher in the following Standards:

- Mathematics 90284 (Algebra)
- Mathematics 90285 (Graphs)
- Mathematics 90286 (Calculus)
- Mathematics 90287 (Co-ordinate Geometry)
- Mathematics 90292 (Trigonometric Equations)
- Mathematics US5251 (Trigonometry)

**FEE: \$10**

Payable by the end of March

**OR** Approval from Head of Department

This course provides students with skills that are needed for a variety of degree courses including the areas of Science, Engineering, Computing, Economics and Medicine. It also provides a necessary foundation for those students who wish to continue studies in Mathematics at a tertiary level.

***This course can generate 24 Level 3 Achievement Standard Credits and 9 Level 3 Unit Standard Credits***

**STATISTICS &  
MODELLING****LEVEL 3****3MATS****Requirements for entering the course:**

Achievement grade or higher in the following Standards:

- Mathematics 90284 (Algebra)
- Mathematics 90285 (Graphs)
- Mathematics 90286 (Calculus)
- Mathematics 90287 (Co-ordinate Geometry)
- Mathematics 90288 (Statistics)
- Mathematics 90289 (Probability)

**FEE: \$10**

Payable by the end of March

**OR** Approval from the Head of Department

An understanding of Statistics is invaluable to a wide range of professional areas including Law, Medicine, Commerce, Social Science and Science, and is a required part of many degree courses. It also provides a necessary foundation for those students who wish to continue studies in Statistics at a tertiary level.

***This course can generate 24 Level 3 Achievement Standard Credits and 10 Level 3 Unit Standard credits***

**MATHEMATICS  
APPLIED 1****LEVEL 1****1MAP1  
1MAP1G****Requirements for entering the course:**

As directed by the Head of Department based on performance in Year 10 Mathematics.

**FEE: \$10**

Payable by the end of March

This course aims to provide students with mathematical skills useful in vocational and everyday situations.

***This course can generate 25 internally assessed Level 1 Unit Standard Credits***

**MATHEMATICS  
APPLIED 2****LEVEL 1****1MAP2****Requirements for entering the course:**Students must have at least 10 Credits from Mathematics Applied 1 (1MAP1) **or** have 8 Credits from Mathematics Level 1 (1MATH).**FEE: \$10**

Payable by the end of March

The course aims to provide students with mathematical skills useful in vocational and everyday situations.

***This course can generate 22 internally assessed Level 1 Unit Standard Credits***