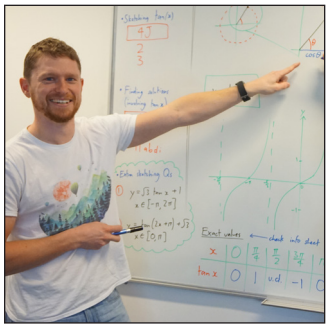
Mathematics

Subject	Hours	TCE credit points	LIT	NUM	ICT	Recommended prior studies and/or entry requirements
Workplace Maths Level 2	150	15		✓		• a D in Year 10 Mathematics
General Mathematics - Foundation Level 2	150	15		✓		• a C in Year 10 Mathematics
General Mathematics Level 3	150	15		✓		• a B in Year 10 Mathematics OR a CA in General Maths Foundation 2
Mathematics Methods - Foundation Level 3	150	15		✓		• a B in Year 10 Mathematics OR solid algebra skills
Mathematics Methods Level 4	150	15		✓		• a B in Year 10 Mathematics AND Year 10A, or a CA or better in Maths Methods Foundation 3
Mathematics Specialised Level 4	150	15		✓		• a CA or better in Maths Methods 4



Workplace Maths 2

What will I learn?

- to develop essential numeracy and mathematical skills for use in the workplace and in everyday life
- a working knowledge of core mathematical operations
- measure length, area, volume and time
- manage money; prepare and manage a budget
- interpret maps and collect, manipulate and interpret data.

How will I learn and be assessed?

- practical investigation tasks
- regular assignments
- no external exam.

Other

- a good course to prepare for employment post-Year 12.

General Maths Foundation 2

What will I learn?

- apply reasoning skills and solve practical problems in consumer arithmetic, algebra, measurement, univariate data analysis and graphs and networks
- use statistical and mathematical language to communicate arguments and strategies when solving mathematical problems
- choose and use technology appropriately.

How will I learn and be assessed?

- practical investigation tasks
- regular assignments
- no external exam.

Other

- a good Year 11 course to prepare for further Maths studies in Year 12, or for employment post-Year 12.

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General Maths 3

What will I learn?

- apply reasoning skills and solve practical problems involving finance, bivariate data analysis, graphs and networks, growth and decay and trigonometry
- to use mathematical and statistical language to communicate arguments and strategies when solving mathematical problems
- use CAS and other technology appropriately.

How will I learn and be assessed?

- regular assignments and tests
- regular homework schedule
- mid-year exam and TASC written exam in November
- scaled Tertiary Entrance score for ATAR.

Other

- a good subject to prepare for employment and/or some university courses.

Maths Methods Foundation 3

What will I learn?

- apply reasoning skills and solve problems involving algebra, functions and graphs, exponential functions, circular functions, differential calculus and probability
- use mathematical and statistical language to communicate arguments and strategies when solving mathematical problems
- use CAS and other technology appropriately.

How will I learn and be assessed?

- regular assignments and tests
- regular homework schedule
- mid-year exam and TASC written exam in November
- scaled Tertiary Entrance score for ATAR.

Other

- a requirement for Maths Methods 4 and a good subject to prepare for a range of university courses.

Maths Methods 4

What will I learn?

- apply reasoning skills and solve problems involving algebra, functions, circular functions, differential and integral calculus and in probability
- use mathematical and statistical language to communicate arguments and strategies when solving mathematical problems
- use CAS and other technology appropriately.

How will I learn and be assessed?

- regular assignments, tests and homework schedule
- mid-year exam and TASC written exam in November
- scaled Tertiary Entrance score for ATAR.

Other

- a requirement for Maths Specialised 4 and an excellent course for a range of university studies.

Maths Specialised 4

What will I learn?

- apply reasoning skills and solve problems involving matrices, sequence and series, differential and integral calculus and complex numbers
- use mathematical language to communicate arguments and strategies when solving mathematical problems
- use CAS and other technology appropriately.

How will I learn and be assessed?

- regular assignments, tests and homework schedule
- mid-year exam and TASC written exam in November
- scaled Tertiary Entrance score for ATAR.

Other

- a good course for lovers of mathematics
- required for university studies in engineering, sciences and most STEM fields.

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