

MORE INFORMATION: bit.ly/donsubjects2017

There are many Mathematics/Numeracy courses to choose from. The following information is designed to help you make an informed decision and to enrol in the best course for you.

Mathematics is needed for everyday life and future pathways. Meeting basic numeracy standards is also an essential requirement for TCE completion. Successful completion (Satisfactory Achievement or better) of any of these Mathematics courses will mean that you meet this standard.

WORK PREPARATION (INCLUDES ESSENTIAL SKILLS NUMERACY LEVEL 2 – FOUNDATION)

RECOMMENDED FOR YEAR 10 MATHEMATICS GRADE: E

OVERVIEW: Real-life numeracy problems involving measurement and money, reading timetables, interpreting graphs and generally making maths meaningful.

WORKPLACE MATHEMATICS (LEVEL 2 - FOUNDATION)

RECOMMENDED FOR YEAR 10 MATHEMATICS GRADE: D

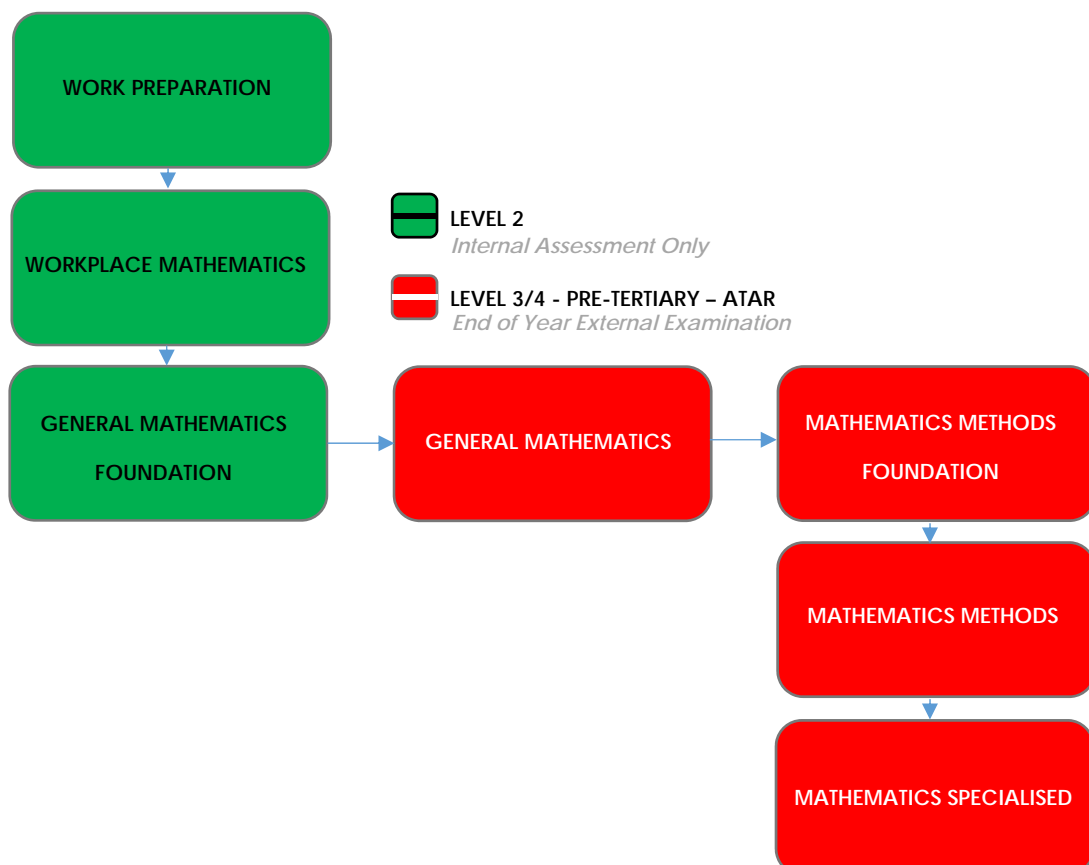
OVERVIEW: Basic arithmetic skills with a focus on measurement, finance, tables, graphs and data.

GENERAL MATHEMATICS FOUNDATION (LEVEL 2 - FOUNDATION)

RECOMMENDED FOR YEAR 10 MATHEMATICS GRADE: C/B

OVERVIEW: Algebraic modelling, matrices and networks, data analysis, finance and trigonometry. Pathway subject to General Mathematics 3.

LEVEL 2 - FOUNDATION



DIFFICULTY

GENERAL MATHEMATICS (LEVEL 3 – PRE-TERTIARY/ATAR)

RECOMMENDED FOR YEAR 10 MATHEMATICS GRADE: B/A

OVERVIEW: Model, analyse and solve practical, real world problems in areas of finance, data, sequences, networks, algebraic modelling and applied geometry.

MATHEMATICS METHODS FOUNDATION (LEVEL 3 – PRE-TERTIARY/ATAR)



RECOMMENDED FOR YEAR 10 MATHEMATICS GRADE: B/A

OVERVIEW: Development of pure algebraic skills and real-life applications in the study of linear, quadratic and cubic functions; logarithmic, exponential and trigonometric functions; differential calculus; experimental and theoretical probabilities. Pathway subject to Mathematics Methods 4.

MATHEMATICS METHODS (LEVEL 4 – PRE-TERTIARY/ATAR)

RECOMMENDED FOR METHODS FOUNDATION GRADE: 'CA' or Higher (10A: B/A)

OVERVIEW: Further Development of pure algebraic skills and real-life applications in the study of polynomial, hyperbolic, exponential, logarithmic and circular functions; differential and integral calculus; binomial and normal probability distributions and inferential statistics. Pathway subject to Mathematics Specialised 4. **Pre-requisite for Engineering, Surveying, Biomedical Science, Mathematics/Science Education and other University courses (check University course guides for specific requirements).**

MATHEMATICS SPECIALISED (LEVEL 4 – YEAR 12 ONLY - PRE-TERTIARY/ATAR)

RECOMMENDED FOR MATHEMATICS METHODS GRADE: 'CA' or Higher

OVERVIEW: Further Development of pure algebraic skills and real-life applications in the study of finite and infinite sequences and series; matrices and linear transformations; differential and integral calculus applied to areas and volumes; complex numbers.

UTAS UNIVERSITY COLLEGE PROGRAM (UCP) SUBJECTS



ESSENTIAL ALGEBRA SKILLS (STUDYING MATHEMATICS METHODS 4 CONCURRENTLY).

HIGH ACHIEVERS PROGRAM (STUDYING MATHEMATICS SPECIALISED CONCURRENTLY)

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