

### Maths/IT Options Semester 2, 2016

Class Name that you choose on EDVAL	Year	Unit	Description
Engineering.T	12,11	Architectural and Building Systems	Architectural and Building Systems
Essential Mathematics 2.A	12,11	Essential Mathematics 2	Representing and preparing data, percentages, time and motion
Essential Mathematics 4.A	12	Essential Mathematics 4	Probability, Earth geometry and time zones
IT 2a.A : Games Programming	12,11	Game Design and Game Programming	Use basic industry practices for planning and development of computer games
IT 2a.T : Games Programming	12,11		
IT 2b.A : Networking	12,11	Networking in a Small to Medium Business	Routing protocols
IT 2b.T : Networking	12,11		
IT 2c.A : Digital Media	12,11	Digital Media: 2D Animation and Graphics	Digital 2D graphics including: vector and raster graphics, image creation, capture, enhancement, and transformation techniques using various software programs
IT 2c.T : Digital Media	12,11		
IT 4.A : Robotics (Microcontrollers)	12	Micro-controllers	Explore the role of modern digital embedded microcontroller equipment and applications in today's society
IT 4.T : Robotics (Microcontrollers)	12		
Mathematical Applications 2.T	12,11	Statistics and Probability	This unit has three topics: 'Univariate data analysis and the statistical investigation process', 'Linear equations and their graphs'; and 'Applications of trigonometry'.
Mathematical Applications 4.T	12	Statistics and Probability	The aims of the probability section are to enable students to use mathematics to analyse random events, to introduce concepts that will prove useful in further studies of probability.
Maths for Living 2.A	12,11	Finance	Employment investigations, jobs, wages etc
Maths for Living 4.A	12	Business, Travel & Event Coordination	Investing money, travelling overseas, starting a business and running events
Maths Methods 2.T	12,11	Mathematical Methods 2	Exponential functions, differential calculus, series and sequences
Maths Methods 4.T	12	Probability, Statistics & Applications	Probability and statistics applied to real world applications such as business
Maths.R	12,11	Refugee Bridging Program	Introductory Mathematics
Specialist Maths Methods 4.T	12	Probability, Statistics and applications	Probability, Statistics and applications
Specialist Maths Options 2.T	12,11	Trigonometry, Matrices and Complex numbers	Trigonometry, Matrices and Complex numbers
Specialist Maths Options 4.T	12	Further Calculus and Kinematics	Further Calculus and Kinematics
Specialist Methods 2.T	12,11	Specialist Methods 2	Exponential functions, differential calculus, series and sequences