

EDUC20021 Learning Area: Mathematics 2

Credit Points:	12.50								
Level:	2 (Undergraduate)								
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus. Parkville, on-campus.								
Time Commitment:	Contact Hours: A total of 54 hours Total Time Commitment: Not available								
Prerequisites:	You must have successfully completed the following subject/s prior to enrolling in this subject								
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EDUC10018 Learning Area: Mathematics 1	Year Long	12.50							
Corequisites:	None								
Recommended Background Knowledge:	None								
Non Allowed Subjects:	None								
Core Participation Requirements:	Attendance at all classes (tutorial/seminars/practical classes/lectures/labs) is obligatory. Failure to attend 80% of classes will normally result in failure in the subject.								
Coordinator:	Mr Malcolm S Cocking								
Contact:	Education Student Centre								
Subject Overview:	This subject deals with mathematics, especially in the areas of space and measurement in pre-school and primary schools. Students will extend their own knowledge by engaging in challenging mathematical tasks. They will examine knowledge of children's thinking and learning, analyse classroom teaching techniques and concrete and technological aids which develop different components of mathematical competence such as skills, concepts, practical ability and estimation. Current Victorian and national documents will be used. Students will design sequences of lessons related to selected learning outcomes.								
Objectives:	Information not available								
Assessment:	Hurdle requirement: To gain a pass in this subject, students must satisfactorily complete a compulsory test of basic mathematics competence. Two assignments equivalent in total to 2000 words, plus two 2-hour examinations (one mid-year and one end-of-year).								
Prescribed Texts:	Prescribed Texts: Teaching Primary Mathematics (G Booker et al), (3rd edn), Addison Wesley Longman, 2004 Foundations for Teaching Arithmetic (K Marston and K Stacey (eds)), Version 2 (CD-ROM), DSME: University of Melbourne								
Breadth Options:	This subject is not available as a breadth subject.								
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees								
Related Course(s):	Bachelor of Education (Primary)								