

EDUC30013 Learning Area(EC): Science & Technology

Credit Points:	12.50								
Level:	3 (Undergraduate)								
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus. Parkville, on-campus.								
Time Commitment:	Contact Hours: Lectures and tutorials totalling 36 hours Total Time Commitment: Not available								
Prerequisites:	You must have successfully completed the following subject/s prior to enrolling in this subject								
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>EDUC20022 Learning Area(EC): Mathematics 2</td> <td>Year Long, Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	EDUC20022 Learning Area(EC): Mathematics 2	Year Long, Semester 1	12.50
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EDUC20022 Learning Area(EC): Mathematics 2	Year Long, Semester 1	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:	Ms Ann Smith								
Contact:	Education Student Centre								
Subject Overview:	<p>Topics include the relevance to children of both scientific ideas and the thinking associated with technology. Selected aspects of biological and physical science that are relevant to early childhood and primary educators such as the diversity of living things, materials (eg. textiles, food), properties of water, air, electricity and magnetism, light, sound and machines are presented. Environmental and technological concepts are integrated throughout the program. Appropriate activities and materials are identified to promote science learning and problem solving in early childhood and primary settings. For science and technology unit development, and for links with professional practice, students will review a sequence of lessons they have designed and, where possible, implemented. This subject will identify how young children develop their scientific and technological understandings, as well as teaching approaches and strategies for supporting this learning in early childhood and primary school settings. Students will be introduced to a range of topics related to the natural and physical sciences and to the curriculum standards framework and the Victorian Essential Learning Standards (VELS). To make up for time lost because of practicum, a Saturday will be scheduled for a practical workshop session. Date to be advised.</p>								
Objectives:	Information not available								
Assessment:	Assignments totalling 2000 words and a 2-hour written examination.								
Prescribed Texts:	None								
Recommended Texts:	Information Not Available								
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								

Generic Skills:	Information Not Available
Related Course(s):	Bachelor of Early Childhood Education