

485-303 Learning Area(EC): Science & Technology

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Parkville, on-campus.
Time Commitment:	Contact Hours: Lectures and tutorials totalling 36 hours Total Time Commitment: Not available
Prerequisites:	485-201 Learning Area (EC): Mathematics 2
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Ms Ann Smith
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