

485-140 Learning Area (Sec) Physics

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: , - Taught on campus. Parkville, on-campus.
Time Commitment:	Contact Hours: A total of 36 hours Total Time Commitment: Not available
Prerequisites:	A sub-major in physics
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:	Christina Hart
Subject Overview:	<p>The subject explores the rationale, methodology and some specific techniques appropriate to the teaching of physics at junior and senior secondary levels in the Victorian Essential Learning Standards for science and the Victorian Certificate of Education.</p> <p>A combined science method program which has a focus on the general science curriculum in Years 7-10 links specialist methods. This is taught separately but is an integral part of the teaching and assessment of each specialist science method.</p> <p>The course introduces a variety of approaches to the organisation of and strategies for teaching physics and junior science in secondary schools, the VCE physics study design, resources relevant to teaching physics and junior science, and valid methods for diagnosis, assessment and evaluations in physics teaching and junior science. It covers practical and theoretical issues in planning units of work from the VCE study design, and seeks to develop personal skills in special areas through the demonstrations, elective program and excursions.</p>
Assessment:	Essays and assignments equivalent to 4000 words.
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