

AUDI90005 Cochlear Implants

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Lectures and Practical Sessions: 40 hours. Clinics: 70 hours. Total Time Commitment: 150 hours (approximately 5 hours per week).
Prerequisites:	Hearing Devices and Rehabilitation A, Clinical Audiology A, Acoustics, Perception of Sound and Speech.
Corequisites:	Clinical Audiology B
Recommended Background Knowledge:	N/A
Non Allowed Subjects:	N/A
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the 3 Disability Liaison Unit website : 4 http://www.services.unimelb.edu.au/disability/
Coordinator:	Prof Richard Dowell
Contact:	Prof Richard Dowell rcd@unimelb.edu.au
Subject Overview:	This course introduces students to the design principles of cochlear implants and the history of their development. All aspects of the clinical application of cochlear implants including audiological evaluation, medical issues, counselling, programming of devices and outcome measures are covered.
Objectives:	On completion of this subject students should be able to: <ul style="list-style-type: none"> # apply audiological assessment techniques to accurately evaluate a severe to profoundly hearing impaired individual; # apply communication skills to effectively counsel candidates regarding cochlear implants; # apply communication skills to effectively rehabilitate/habilitate cochlear implant recipients; # apply audiological skills to manage and assess cochlear implants patients pre and post operatively; # develop a management plan for patients for whom a cochlear implant is not appropriate; # understand the technical advances and limitations of cochlear implant technology
Assessment:	• A short answer test in week 13 of semester 3 – 15% • A written assignment not exceeding 1500 words due in week 8 of semester 4 – 25% • A two hour written examination at the end of semester 4 – 60% Students must pass the written exam to pass the subject.
Prescribed Texts:	Nil
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:	At the completion of this subject students should be able to demonstrate: <ul style="list-style-type: none"># critical thinking, analytical and problem-solving skills;# the ability to integrate theory and practice and to apply this in novel situations;# an openness to new ideas;# planning and time management skills;# the ability to communicate their knowledge in both oral and written form;# the ability to behave in a professionally appropriate manner.
Related Course(s):	Master of Clinical Audiology