

AUDI90024 Hearing Devices and Rehabilitation B

Credit Points:	18.75
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, 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 Disability Liaison Unit website : http://www.services.unimelb.edu.au/disability/
Coordinator:	Ms Cathryn Williams
Contact:	Ms Cathryn Williams cathrynw@unimelb.edu.au
Subject Overview:	<p>This subject will provide students with detailed information relating to current hearing aids and other devices to assist the hearing-impaired. This subject will build on the foundation knowledge acquired in Hearing Devices and Rehabilitation A. In particular, this subject will cover:</p> <ul style="list-style-type: none"> # advanced issues in the selection of hearing aid features; # advanced verification techniques; # prescriptive methods for setting the amplification; # consideration of both linear and non-linear prescriptive methods, and prescriptions for maximum power output; # issues in the use of prescriptive and non-prescriptive setting of amplification of hearing aids; # paediatric hearing aid fitting considerations and issues; # use of vibrotactile devices; # use of devices within tinnitus management program; # advanced outcome assessment.
Objectives:	<p>On completion of this subject students should be able to:</p> <ul style="list-style-type: none"> # select appropriate hearing aid style/features/options for hearing-impaired clients, including weighing up the relative merits of these for individual cases; # describe the range of aims of prescriptions and the ways in which the prescriptions vary, in general terms; # describe the NAL-NL1 prescription aims, development and use; # describe the potential strengths and weaknesses of prescriptive and non-prescriptive methods of setting amplification and maximum power output; # describe the use of other devices (vibrotactile aid, devices for tinnitus management) within a rehabilitation program;

	<ul style="list-style-type: none"> # describe the similarities and differences between compression amplification and ADRO; # describe the factors affecting outcome measures; # interpret results of advanced verification measures and understand the implications of signal type/level/duration on these.
Assessment:	A written assignment (case study) of no more than 4,000 words due in week 10 of semester 3 - 30%A two hour written exam at the end of semester 4 - 70%Students must pass the written exam in order to pass this subject.
Prescribed Texts:	Nil
Recommended Texts:	Hearing Aids, Dillon, H., 2001, Boomerang Press ISBN 1-58890-052-5
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:	<p>At the completion of this subject students should be able to demonstrate:</p> <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