



CAUD8005

Hearing Devices

Session 2, Special circumstance, North Ryde 2020

Department of Linguistics

Contents

General Information	2
Learning Outcomes	2
Assessment Tasks	3
Delivery and Resources	6
Unit Schedule	6
Policies and Procedures	6

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Margaret Wood

margaret.wood@mq.edu.au

John Newall

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Credit points

10

Prerequisites

(CAUD802 or CAUD8002) and (CAUD803 or CAUD8003) and (CAUD819 or CAUD8001)

Corequisites

Co-badged status

Unit description

This unit aims to equip students with an understanding of hearing aid systems and the principles of hearing aid measurement. It aims to familiarise students with the diverse range of hearing aids that are available and to provide students with skills to determine appropriate hearing aid selection on the basis of client need. Practise in impression taking, hearing aid measurement, hearing aid verification and electronic and acoustic adjustment of hearing aids will be provided.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Integrate information from a variety of sources to recognise suitable candidates (of all ages) for hearing device fitting and factors affecting outcomes

ULO2: Integrate knowledge of technological features in selection and adjustment of hearing aids and acoustic coupling options with case information

ULO3: Demonstrate an understanding of prescriptive methods and non-prescriptive methods for setting electroacoustic properties of hearing aids

ULO4: Understand the processes, steps and reasoning for hearing aid fitting and

verification using real ear insertion gain measurements, aided threshold testing, aided speech testing, and client subjective comments

ULO5: Critically evaluate device advertising and specifications to obtain information on feature

ULO6: Recognise non-audiological factors that may influence use/acceptance of rehabilitation, and the role of counselling in achieving appropriate rehabilitative outcomes for the client and their family

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Problem based assessment</u>	30%	No	Week 42
<u>On-line quiz</u>	15%	No	Week 34
<u>Final exam</u>	40%	No	During exam period
<u>Online Quiz</u>	15%	No	Week 38

Problem based assessment

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 25 hours

Due: **Week 42**

Weighting: **30%**

3000 word problem based assessment of case studies

On successful completion you will be able to:

- Integrate information from a variety of sources to recognise suitable candidates (of all ages) for hearing device fitting and factors affecting outcomes
- Integrate knowledge of technological features in selection and adjustment of hearing aids and acoustic coupling options with case information
- Critically evaluate device advertising and specifications to obtain information on feature
- Recognise non-audiological factors that may influence use/acceptance of rehabilitation, and the role of counselling in achieving appropriate rehabilitative outcomes for the client and their family

On-line quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 15 hours

Due: **Week 34**

Weighting: **15%**

On-line multiple choice and short answer quiz testing applied knowledge.

On successful completion you will be able to:

- Integrate information from a variety of sources to recognise suitable candidates (of all ages) for hearing device fitting and factors affecting outcomes
- Integrate knowledge of technological features in selection and adjustment of hearing aids and acoustic coupling options with case information
- Demonstrate an understanding of prescriptive methods and non-prescriptive methods for setting electroacoustic properties of hearing aids
- Understand the processes, steps and reasoning for hearing aid fitting and verification using real ear insertion gain measurements, aided threshold testing, aided speech testing, and client subjective comments
- Recognise non-audiological factors that may influence use/acceptance of rehabilitation, and the role of counselling in achieving appropriate rehabilitative outcomes for the client and their family

Final exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 35 hours

Due: **During exam period**

Weighting: **40%**

Final examination

On successful completion you will be able to:

- Integrate information from a variety of sources to recognise suitable candidates (of all ages) for hearing device fitting and factors affecting outcomes
- Integrate knowledge of technological features in selection and adjustment of hearing

aids and acoustic coupling options with case information

- Demonstrate an understanding of prescriptive methods and non-prescriptive methods for setting electroacoustic properties of hearing aids
- Understand the processes, steps and reasoning for hearing aid fitting and verification using real ear insertion gain measurements, aided threshold testing, aided speech testing, and client subjective comments
- Recognise non-audiological factors that may influence use/acceptance of rehabilitation, and the role of counselling in achieving appropriate rehabilitative outcomes for the client and their family

Online Quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 15 hours

Due: **Week 38**

Weighting: **15%**

Short answer and multiple choice quiz assessing foundational knowledge.

On successful completion you will be able to:

- Integrate information from a variety of sources to recognise suitable candidates (of all ages) for hearing device fitting and factors affecting outcomes
- Integrate knowledge of technological features in selection and adjustment of hearing aids and acoustic coupling options with case information
- Understand the processes, steps and reasoning for hearing aid fitting and verification using real ear insertion gain measurements, aided threshold testing, aided speech testing, and client subjective comments
- Recognise non-audiological factors that may influence use/acceptance of rehabilitation, and the role of counselling in achieving appropriate rehabilitative outcomes for the client and their family

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

This unit consists of recorded lectures, online activities, Zoom consolidation classes and practicum sessions. Practicum sessions must be attended to meet the learning outcomes. If there are any concerns with practical attendance, please contact Rebecca Kim directly (rebecca.kim@mq.edu.au).

Unit Schedule

Please see iLearn for the unit schedule.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/student-policy-gateway) (<https://students.mq.edu.au/support/study/student-policy-gateway>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the

University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.