



SPED8931

Introduction to Educational Audiology

Session 1, Online-flexible 2022

Macquarie School of Education

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>General Assessment Information</u>	3
<u>Assessment Tasks</u>	7
<u>Delivery and Resources</u>	9
<u>Unit Schedule</u>	10
<u>Policies and Procedures</u>	11
<u>5 R's Framework</u>	12

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General Information

Unit convenor and teaching staff

Lecturer

Simone Punch

simone.punch@mq.edu.au

Contact via simone.punch@mq.edu.au

Credit points

10

Prerequisites

Admission to MDisabilityStud

Corequisites

Co-badged status

Unit description

This unit aims to provide teachers of the deaf with a broad overview of auditory development and audiological practice. Students will be introduced to the anatomy and physiology of hearing as a basis for understanding the mechanisms underlying auditory perception. The causes and implications of various types of hearing loss will be examined. Procedures and testing techniques will also be explored. Topics covered in this area will include screening, behavioural assessment, objective assessment, and evoked potential testing techniques. Students will develop an understanding of clinical reports and audiograms. Hearing aids, implantable devices, and other assistive listening devices are reviewed and students will learn skills in troubleshooting and monitoring such devices.

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: Discuss foundational audiology terminology and constructs with parents of children with hearing loss

ULO2: Explain the delivery of audiology services for children and students with hearing loss to parents, other service providers and school staff

ULO3: Identify and describe audiological screening and assessment procedures for

children and students to parents, other service providers and school staff

ULO4: Provide parents and school staff with a description of the components and features of hearing aids, cochlear implants and FM systems, and how to carry out rudimentary troubleshooting

ULO5: Explain and discuss the underlying theory of environmental acoustics and modifications, and apply this to school-based settings

General Assessment Information

Assessment Presentation and Submission Guidelines

Please follow these guidelines when you submit each assignment:

- **All assignments must comply with the NextSense Accessible Style Guide**
- The assignment title page should include the student name, student number, unit code, title of the assessment and submitted word count.
- Allow a left and right-hand margin of at least 2cm in all assignments.
- Please type all assignments using Arial, 12-point font and 1.5 spacing.
- All assignments must be submitted through Turnitin as an accessible word document – **do not submit as a pdf.**
- It is the responsibility of the student to ensure that all assignments are successfully submitted through Turnitin (<https://students.mq.edu.au/support/technology/systems/ilearn>).
- **For written assignments, the Turnitin Similarity Report must also be submitted using the correct Turnitin submission point at the time of assignment submission.**
- Faculty assignment cover sheets are NOT required.

Draft Submissions & Turnitin Similarity Reports

- Students must use the Turnitin Similarity Report as a learning tool to improve their academic writing and, in consideration of the report outcome, attend to any potential academic integrity issues, prior to submission of the final version of the assignment.
- Students are strongly encouraged to upload a draft copy of each assignment to Turnitin at least one week prior to the due date to obtain a Similarity Report.
- The Similarity Report provides students with a similarity index that may indicate if plagiarism has occurred. Students will be able to make amendments to their drafts prior to their final submission on the due date.
- Generally, one Similarity Report is generated every 24 hours up to the due date.
- For all written assignments, the Similarity Report must also be submitted using the

correct Turnitin submission point.

Please note:

- Students should regularly save a copy of all assignments before submission,
- Students are responsible for checking that their submission has been successful and has been submitted by the due date and time.

Assignment extensions and late penalties

- In general, there should be no need for extensions except through illness or misadventure that would be categorised as serious and unavoidable disruption according to the University definition of same, see: <https://students.mq.edu.au/study/my-study-program/special-consideration>
- Applications for extensions must be made via AskMQ according to the Special Consideration policy. Extensions can only be granted if they meet the Special Considerations policy and are submitted via <https://ask.mq.edu.au/>. This will ensure consistency in the consideration of such requests is maintained.
- Late submissions: Unless a Special Consideration request has been submitted and approved, (a) a penalty for lateness will apply - 10/100 marks of credit (10% of the total assessment weighting) will be deducted per day for assignments submitted after the due date – and (b) no assignment will be accepted seven days (incl. weekends) after the original submission deadline. No late submissions will be accepted for timed assessment - e.g., quizzes, online tests. A zero result for the assignment will be recorded after the late submission period has ended if no task has been received.
- If a student is still permitted to submit on the basis of unavoidable disruption, an alternative topic may be set.
- Students should keep an electronic file of all assessments. Claims regarding "lost" assessments cannot be made if the file cannot be produced. It is also advisable to keep an electronic file of all drafts and the final submission on a USB untouched/unopened

after submission. This can be used to demonstrate easily that the assessment has not been amended after the submission date.

Requesting a re-assessment of an assignment

If you have **evidence** that your task has been incorrectly assessed against the grade descriptors you can request a re-mark. To request a re-mark you need to contact the unit convenor within **7 days** of the date of return of the assignment and provide **a detailed assessment of your script against the task criteria**. Evidence from your assignment must be provided to support your judgements.

Note:

- Please do not request a re-mark for a Failed assessment as they are all double-marked as a part of the moderation process.
- The outcome of a re-mark may be a **higher/lower or unchanged grade**.

Grades are *standards referenced* and effort is NOT a criterion.

Units with Quiz Assessments

Online quizzes are an individual assessment task and **MUST BE COMPLETED by each student individually**. Similarities in responses between students will be checked and investigated for possible collusion. Please see the Academic Integrity Policy at: <https://students.mq.edu.au/study/assessment-exams/academic-integrity>.

In submitting your responses to an online quiz you agree that you:

- have not included content that has previously been submitted for academic credit in this or any other unit
- are submitting answers which are your own work
- acknowledge that you are aware of, and are acting in accordance with the Macquarie University Academic Integrity Policy at: <https://policies.mq.edu.au/document/view.php?id=3>
- that you are not participating in any unacceptable academic activities such as cheating, collusion, deception, fabrication, impersonation, obstruction, plagiarism and/or sabotage.

University policy on grading

Criteria for awarding grades for assessment tasks

Assignments will be awarded grades ranging from HD to F according to guidelines set out in the University's Grading Policy. The following descriptive criteria are included for your information.

Descriptive Criteria for awarding grades in the unit

In order to meet the unit outcomes and successfully pass this unit, students must make a genuine attempt at all assessment tasks. Where any submitted assessment task is considered to be unsatisfactory in this regard, the highest possible final grade that can be awarded for the unit will be 45.

Students will be awarded grades ranging from HD to F according to guidelines set out in the policy: <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/assessment-in-effect-from-session-2-2016>

The following generic grade descriptors provide university-wide standards for awarding final grades.

Grade	Descriptor
HD (High Distinction)	Provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application as appropriate to the discipline.
D (Distinction)	Provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.
Cr (Credit)	Provides evidence of learning that goes beyond replication of content knowledge or skills relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; convincing argumentation with appropriate coherent justification; communication of ideas fluently and clearly in terms of the conventions of the discipline.
P (Pass).	Provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; routine argumentation with acceptable justification; communication of information and ideas adequately in terms of the conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes
F (Fail)	Does not provide evidence of attainment of learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; missing, undeveloped, inappropriate or confusing argumentation; incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline.

Note: If you fail a unit with a professional experience component, the fail grade will be on your transcript irrespective of the timing of the placement.

Withdrawing from this unit

If you are considering withdrawing from this unit, please seek academic advice via <https://ask.mq.edu.au> before doing so, as this unit may be a co-requisite or prerequisite for units in the following sessions and may impact on your progression through the degree. Please also contact the Course Director Sue Silveira on 0477202129 or susan.silveira@mq.edu.au, prior to withdrawing, for advice related to your progression.

Results

Results shown in iLearn, 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](#).

Assessment Tasks

Name	Weighting	Hurdle	Due
Online Quiz	30%	No	5pm 27 March 2022
Clinical observation and report	30%	No	5pm 1 May 2022
Case Study	40%	No	5pm 29 May 2022

Online Quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 15 hours

Due: **5pm 27 March 2022**

Weighting: **30%**

Online quiz (variety of question styles)

On successful completion you will be able to:

- Discuss foundational audiology terminology and constructs with parents of children with hearing loss
- Identify and describe audiological screening and assessment procedures for children and students to parents, other service providers and school staff

Clinical observation and report

Assessment Type ¹: Essay

Indicative Time on Task ²: 15 hours

Due: **5pm 1 May 2022**

Weighting: **30%**

Video observation of clinical practice and a written report of observation (1500 words)

On successful completion you will be able to:

- Discuss foundational audiology terminology and constructs with parents of children with hearing loss
- Explain the delivery of audiology services for children and students with hearing loss to parents, other service providers and school staff
- Identify and describe audiological screening and assessment procedures for children and students to parents, other service providers and school staff

Case Study

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 20 hours

Due: **5pm 29 May 2022**

Weighting: **40%**

Scenario based case study. (2000 words)

On successful completion you will be able to:

- Discuss foundational audiology terminology and constructs with parents of children with hearing loss
- Explain the delivery of audiology services for children and students with hearing loss to parents, other service providers and school staff
- Identify and describe audiological screening and assessment procedures for children and students to parents, other service providers and school staff
- Provide parents and school staff with a description of the components and features of hearing aids, cochlear implants and FM systems, and how to carry out rudimentary troubleshooting

- Explain and discuss the underlying theory of environmental acoustics and modifications, and apply this to school-based settings
-

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

SPED8931 has a full web presence through iLearn. All requirements for this unit begin Session 1 Week 1, 2022. Students are expected to access the iLearn site and engage with unit materials regularly during session 1.

Support resources

Macquarie University has a range of services for students. If you are struggling with any aspect of academic life or career trajectory and skills, we have great supports within the university. Please refer to the comprehensive list of support services [here](#).

Access and technical assistance

Information for students about access to the online component of this unit is available at <https://students.mq.edu.au/support/study/tools-and-resources/ilearn>. You will need to enter your student username and password.

Please do **NOT** contact the Unit Convenor regarding iLearn technical help. No extensions will be given for any technical issues. Allow enough time for your submissions. Assistance is available from IT Helpdesk ph: 1800 67 4357, or log a request at help.mq.edu.au. OneHelp is the online IT support service for both students and staff. This unit requires students to use several ICT and software skills:

- Internet access: The iLearn site contains materials for this unit; it is also required for the online submission of all Assessment Tasks, and for the use of Turnitin submission for ALL tasks.
- Word processing, visual representations, and document formatting: You are required to use an appropriate form of software to present your assignments.
- Uploading of assessment tasks to iLearn.

Unit Schedule

Week	Module and topic
1	Module 1: Fundamentals of hearing and hearing loss Topic 1. Auditory form and function: Anatomy and physiology of the hearing mechanism and the development of audition.
2	Module 1: Fundamentals of hearing and hearing loss Topic 2. The nature of sound.
3	Module 1: Fundamentals of hearing and hearing loss Topic 3. Defining and classifying hearing and hearing loss.
4	Module 1: Fundamentals of hearing and hearing loss Topic 4. Incidence and prevalence of hearing loss in children.
5	Module 2: Clinical and diagnostic aspects of hearing and hearing loss The objective of this portion of the course is to gain sufficient familiarity with clinical audiological disorders and procedures to allow teachers to work skillfully and collaboratively with parents, audiologists and other professionals. Topic 5. Common pathologies of the auditory system.
6	Module 2: Clinical and diagnostic aspects of hearing and hearing loss Topic 6. The principles of audiological assessment for infants and children.
7	Module 2: Clinical and diagnostic aspects of hearing & hearing loss Topic 7. A & B Approaches to assessment
	Mid Semester Recess EASTER
8	Module 2: Clinical and diagnostic aspects of hearing and hearing loss Topic 8. Universal newborn hearing screening
9	Module 3: (Re)habilitative and educational aspects of hearing loss This module focuses on maximizing hearing and auditory learning in the classroom for deaf and hard of hearing children using technology, and the practical application of audiometrics and related issues in the home & classroom setting. Topic 9. Personal hearing instruments and Remote Microphone Systems (RMS)
10	(Re)habilitative and educational aspects of hearing loss Topic 10. The role of Hearing Australia
11	(Re)habilitative and educational aspects of hearing loss Topic 11. Classroom management and the acoustic environment.

12	(Re)habilitative and educational aspects of hearing loss Topic 12. Facilitating and monitoring auditory access for children with special hearing needs.
13	Topic 13. Review and discussion.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). 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](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

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

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/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

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

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

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the 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

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

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.

5 R's Framework

5 R's Framework

The 5Rs Framework, developed by the School of Education at Macquarie University, is embedded throughout your course. Your use of the 5Rs Framework will help you develop the capabilities that will make your career sustainable and fulfilling. The 5 R's include you being:

1. Resilient
2. Reflexive in your teaching practice
3. Responsive to children, colleagues, parents, professionals and communities
4. Ready to learn, and
5. Research engaged

In this unit, you will learn using the 5Rs framework in the following important ways:

Reflexive: you are encouraged to critically reflect in the context of yourself as a beginning practitioner, your previous and future professional experiences and the engagement you will have with people, organisations and society in general.

Research engaged: you will engage with literature and base your practice on evidence. You will practice academic integrity as you learn to explore contemporary and relevant literature.