



FACULTY OF HEALTH SCIENCES AND SPORTS
BACHELOR OF SCIENCE IN SPEECH-LANGUAGE THERAPY
LEARNING MODULE OUTLINE

Academic Year	2025/2026	Semester	1
Module Code	STCA2101		
Learning Module	Essentials of Clinical Audiology and Hearing Disorders		
Pre-requisite(s)	Nil		
Medium of Instruction	Chinese/ English		
Credits	3	Contact Hours	45
Instructor	TUN-SHIN LO Assistant Professor Ting Chiu Lecturer	Email	LO : rexshing@csmu.edu.tw
Office	FCSD general office, 7/F, Meng Tak Building	Office Phone	8599-3454 (FCSD office)

MODULE DESCRIPTION

The course introduces basic audiological assessments, practical operations and results interpretation; learns to determine the type and clinical characteristics of hearing loss based on assessment results, and finally introduces the management of hearing loss and hearing aids, consultation and rehabilitation. Aim to cultivate speech therapists' understanding of the screening, assessment, treatment options, and intervention of hearing impairment, and to have knowledge of managing hearing-impaired patients and hearing diseases.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

On completion of this learning module, students will be able to:

M1.	Understand the basic theory of basic audiological assessment
M2.	Understand the audiological assessment items for adults and children and their clinical significance
M3.	Be familiar with the interpretation of pure tone audiogram results and their relationship with speech reception and comprehension
M4.	Understand the purpose and steps of hearing screening and the roles and tasks of speech therapists
M5.	Be familiar with common types and clinical characteristics of hearing impairment
M6.	Familiar with audiological treatment of hearing loss cases (including hearing aids and rehabilitation)



These ILOs aims to enable students to attain the following Programme Intended Learning Outcomes (PILOs):

PILOs	M1	M2	M3	M4	M5	M6
P1. To demonstrate understanding of knowledge in behavioural sciences, speech and hearing sciences, as well as speech and hearing disorders	✓					
P2. To demonstrate understanding of knowledge in assessment, treatment, counselling and other professional knowledge related to speech, language and swallowing impairment				✓		
P3. To employ professional techniques in assessment and intervention in language, speech and swallowing disorders						✓
P4. To demonstrate effective communication and teamwork skills						✓
P5. To demonstrate a high standard of professional ethics and attitudes of holistic care, respect and compassion					✓	✓
P6. To recognise the international trend of speech and hearing disorders and develop the spirits of social involvement and lifelong learning	✓	✓				✓

MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Ting Chiu Lecturer (21 Contact Hours)

Week	Content Coverage	Contact Hours
1	Overview and pure tone audiometry	2
2	Speech audiometry	2
3	Clinical masking	2
4	Immittance audiometry and electrophysiological testing	2
5	Audiogram workbook and audiogram interpretation	2
6	Clinical practice (Lab)	3
7	Case studies	3
8	Hearing screening	2
9	Special population	2
10	Mid-term Exam	1



TUN-SHIN LO Assistant Professor (24 Contact Hours) :

1	Disorders of The Outer Ear, Middle ear and Treatment	3
2	Disorders of The Inner Ear	3
3	Disorder of Eighth Nerve and CNS	3
4	Congenital Hearing Loss	3
5	Non-organic Hearing Loss	2
6	Age-Related Hearing Loss	3
7	Noise-Induced Hearing Loss	2
8	Meniere's Disease and Tinnitus	1
9	Otosclerosis	1
10	Amplification and cochlear implantation	1
11	Clinical practice (Lab)	1
12	Final Exam	1

TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities:

Teaching and Learning Activities	M1	M2	M3	M4	M5	M6
T1. Lecture questions and answers	✓	✓	✓			
T2. Written report on relevant literature reading				✓	✓	
T3. Examination scores	✓	✓	✓			

ATTENDANCE

Attendance requirements are governed by the Academic Regulations Governing Bachelor's Degree Programmes of the Macao Polytechnic University. Students who do not meet the attendance requirements for the learning module shall be awarded an 'F' grade.



ASSESSMENT

In this learning module, students are required to complete the following assessment activities:

Assessment Activities	Weighting (%)	ILOs to be Assessed
A1. Literature reading report	20	M1, M2, M3, M5
A2. Mid-term Exam	40	M1, M2, M3, M4, M5
A3. Final Exam	40	M1, M2, M3, M4, M5

This learning module is graded on a 100 point scale, with 100 being the highest possible score and 50 being the passing score.

Any students scoring less than 35% of the total mark in the final examination will be given an “F” grade for the module even if the overall grade is 50% or higher.

The assessment will be conducted following the University’s Assessment Strategy (see www.mpu.edu.mo/teaching_learning/en/assessment_strategy.php). Passing this learning module indicates that students will have attained the ILOs of this learning module and thus acquired its credits.

MARKING SCHEME

Letter Grade	Grade Definition	Mark Ranges
A	Excellent	93-100
A-		88-92
B+	Very Good	83-87
B	Good	78-82
B-		73-77
C+	Satisfactory	68-72
C		63-67
C-		58-62
D+	Pass	53-57
D		50-52
F	Fail	0-49

REQUIRED READINGS

Introduction to Audiology, 2018, 13th, Frederick N. Martin & John Clark, ISBN-10: 0134695046

REFERENCES

Handbook of Clinical Audiology, 2014, 7th, Jack Katz, ISBN-13: 978-1451194050



STUDENT FEEDBACK

At the end of every semester, students are invited to provide feedback on the learning module and the teaching arrangement through questionnaires. Your feedback is valuable for instructors to enhance the module and its delivery for future students. The instructor and programme coordinators will consider all feedback and respond with actions formally in the annual programme review.

ACADEMIC INTEGRITY

The Macao Polytechnic University requires students to have full commitment to academic integrity when engaging in research and academic activities. Violations of academic integrity, which include but are not limited to plagiarism, collusion, fabrication or falsification, repeated use of assignments and cheating in examinations, are considered as serious academic offenses and may lead to disciplinary actions. Students should read the relevant regulations and guidelines in the Student Handbook which is distributed upon the admission into the University, a copy of which can also be found at www.mpu.edu.mo/student_handbook/.