NEAR EAST UNIVERSITY

VOCATIONAL SCHOOL OF HEALTH SCIENCES

Audiometry Technician

COURSE CATALOGUE

2021-22 FALL

➢ QUALIFICATION AWARDED

The students who successfully complete the program are awarded the degree of Audiometry Technician.

➢ LEVEL OF QUALIFICATION

This is an associate degree program

➢ SPECIFIC ADMISSION REQUIREMENTS

In the framework of the regulations set by Higher Education Council of Turkey (YÖK), student admission for this undergraduate program is made through a university entrance examination called ÖSYS. Following the submission of students' academic program preferences, Student Selection and Placement Center (ÖSYM) places the students to the relevant program according to the score they get from ÖSYS.

International students are accepted to this undergraduate program according to the score of one of the international exams they take such as SAT, ACT and so on, or according to their high school diploma score.

Exchange student admission is made according to the requirements determined by bilateral agreements signed by NEU and the partner university.

Visiting students can enroll for the courses offered in this program upon the confirmation of the related academic unit. Additionally, they need to prove their English language level since the medium of instruction of the program is English.

➢ QUALIFICATION REQUIREMENTS AND REGULATIONS

The students studying in this undergraduate program are required to have a Cumulative Grade Points Average (Cum. GPA) of not less than 2.00/4.00 and have completed all the courses with at least a letter grade of DD/S in the program in order to graduate. The minimum number of ECTS credits required for graduation is 240. It is also mandatory for the students to complete their compulsory internship in a specified duration and quality.

➢ RECOGNITION OF PRIOR LEARNING

At Near East University, full-time students can be exempted from some courses within the framework of the related bylaws. If the content of the course previously taken in another institution is equivalent to the course offered at NEU, then the student can be exempted from this course with the approval of the related faculty/graduate school after the evaluation of the course content.

➢ PROFILE OF THE PROGRAM

The main purpose of the audiometry program is an audiologist who is aware of his duties, rights and responsibilities, has the theoretical knowledge and ability to apply in his field, is sensitive to ethical principles, aims to improve himself in parallel with scientific and technological changes, and can reliably perform audiological examination and hearing screening tests in public and private health institutions. To train qualified health technicians who can apply the hearing aid settings planned by the company and take the correct earmould measurement.

➢ PROGRAM OUTCOMES

	Program Outcomes
1	To have sufficient knowledge in the fields of hearing aid applications, hearing tests and vestibular balance disorders; to acquire theoretical and practical skills in these fields.
2	To know and use scientific methods in the diagnosis of hearing loss and balance disorder patients, to apply hearing and balance tests, to have professional foreign language knowledge.
3	To be able to choose and effectively use the professional environment, modern techniques and tools and information technologies for applications related to the field.
4	To have the knowledge and equipment to intervene with the patients with the team
5	To be able to take responsibility by taking team members to solve unforeseen complex problems encountered in applications related to the field.
6	Being able to critically evaluate the basic level of knowledge and skills acquired in the field, identify and meet learning needs
7	To be able to direct his education to an advanced education level in the same field or to a profession at the same level
8	To be able to convey his thoughts through written and verbal communication at the level of basic knowledge and skills on the subjects related to his field.

COURSE & PROGRAM OUTCOMES MATRIX

Course Code	Course Name	Program Outcomes												
		1	2	3	4	5	6	7	8	9	10	11	12	13
1st Year - 1st Semester														
AİT103	Ataturk's Principles and History of Turkish Revolution I	-	-	-	-	-	-	-	-	-	-	-	-	-
ENG101	English I	-	-	-	-	-	-	-	-	-	-	-	-	-
YIT101	Turkish for Foreigners I	-	-	-	-	-	-	-	-	-	-	-	-	-
COM101	Computer I	-	-	-	-	-	-	-	-	-	-	-	-	-
CAM100	Campus Orientation	-	-	-	-	-	-	-	-	-	-	-	-	-
VSH101	Medical Terminology	-	-	-	-	-	-	-	-	-	-	-	-	-
CHC100	Cyprus: History and Culture	-	-	-	-	-	-	-	3	-	-	-	-	-
VSH109	Basic First Aid	1	2	4	5	-	3	-	-	-	-	-	-	-
VSH111	Basic Anatomy	-	-	3	-	-	-	3	-	-	-	-	-	-
AUT101	Sound Physics and Acoustic Principles	-	-	-	-	-	-	-	-	-	-	-	-	-
1st Year - 2nd Semester														
AİT104	Ataturk's Principles and History of Turkish Revolution II	-	-	-	-	-	-	-	-	-	-	-	-	-
ENG102	English II	-	-	-	-	-	-	-	-	-	-	-	-	-
YIT102	Turkish for Foreigners II	-	-	-	-	-	-	-	-	-	-	-	-	-
VSH102	Diseases Knowledge	-	2	-	-	3	-	4	-	-	-	-	-	-
VSH104	Physiology	1	-	2	1	-	2	-	-	-	-	-	-	-
AUT102	Hearing and Speaking Anatomy and Physiology	5	2	-	2	-	5	-	4	-	-	-	-	-
AUT104	Vestibular System Anatomy and Physiology	5	2	3	-	4	-	3	-	-	-	-	-	-
AUT106	Hearing Losses	1	3	3	-	-	1	-	4	-	-	-	-	-
AUT110	Hearing and Speech Audiometry	1	-	2	1	-	4	2	5	-	-	-	-	-
AUT150	Summer Internship (20 Working Days)	5	4	4	4	4	4	4	4	-	-	-	-	-
CAR100	Career Planning	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Year - 1st Semester														
AUT201	Vestibular System Tests	4	4	3	4	-	-	-	3	-	-	-	-	-
AUT203	Impedancemetry Technique	-	4	5	4	4	-	-	3	-	-	-	-	-
AUT205	Education in Clinic and Application I	5	3	3	2	3	1	-	5	-	-	-	-	-
AUT207	Speaking Development	4	4	3	4	-	-	-	-	-	-	-	-	-
AUT209	Hearing Aids (instruments)	-	4	5	4	4	-	-	5	-	-	-	-	-
AUT211	Atypic Child and Audiology	5	3	3	2	3	1	-	4	-	-	-	-	-

Code	Course													
AUT213	Advanced Test Methods in Audiometry I	4	4	3	4	-	-	-	-	-	-	-	-	-
VSH201	Measurement and Evaluation	-	-	-	-	-	-	-	-	-	-	-	-	-
2nd Year - 2nd Semester														
VSH202	Public Health	1	3	3	5	1	2	-	-	-	-	-	-	-
VSH204	Professional Ethics	5	2	-	-	-	-	-	5	-	-	-	-	-
VSH206	Health Care Management	-	2	-	-	4	-	2	4	-	-	-	-	-
VSH208	Rational Drug Use	1	2	-	2	-	-	-	2	-	-	-	-	-
VSH210	Quality in Health Services	-	-	-	3	-	-	-	-	-	-	-	-	-
AUT202	Electrophysiologic Tests in Audiometry	3	3	4	4	4	-	3	-	-	-	-	-	-
AUT204	Advanced Test Methods in Audiometry II	4	4	2	3	-	4	-	4	-	-	-	-	-
AUT206	Vestibular Electro Physiologic Tests	5	2	-	2	3	-	3	4	-	-	-	-	-
AUT208	Training and Practice in Clinic II	5	5	5	5	5	5	5	5	-	-	-	-	-
Technical (Field-Related) Elective Courses														
Second Foreign Languages														

* 1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest

> **OCCUPATIONAL PROFILES OF GRADUATES**

Graduates of the Audiometry Program have the opportunity to work in both the public and private sectors. He can perform audiological examination in the Audiology units affiliated to ENT Clinics in state hospitals, and can take part in the newborn hearing screening program in state hospitals with Birth Clinics. In the private sector, they can perform audiological examination and newborn hearing screening in both private hospitals and private clinics and work in hearing aid companies.

> **ACCESS TO FURTHER STUDIES**

The students graduating from this program may apply to graduate programs.

> **PROGRAM STRUCTURE**

The undergraduate program in Computer Engineering consists of 38 courses with 120 ECTS credits in total.

There are at least 5 courses in each semester, excluding common compulsory courses and elective courses.

In each program, there are common compulsory courses identified by the Higher Education Council of Turkey (YÖK) and other common courses determined by the University Senate.

25% of the elective courses are taken from other faculties.

There are at least 10 elective courses in each undergraduate program.

COURSES OFFERED THROUGHOUT THE UNIVERSITY		
Common University Courses	Campus Orientation	The students are registered to this course at the beginning of the first semester of the freshman year to familiarize them with the campus life at NEU.
	Career Planning	The students are registered to this course at the beginning of their second semester of the freshman year to help them prepare for work life after graduation.
	Cyprus History and Culture	This course is taken by students in their freshmen year and it aims to help them to familiarize them with the local history and culture.
Common Compulsory Courses (YÖK Courses)	Turkish Language I-II (Turkish for Foreigners I & II to replace this course for international students) Principles of Atatürk and History of Revolution I-II	These are the compulsory courses which are required to be offered in all of the associate and undergraduate programs in Turkey according to the Higher Education Legislation.
	Information Technologies	This course is anticipated in all the associate and undergraduate programs in Turkey in order to make the students gain the qualifications related to basic information technologies.
	Foreign Language (ENGLISH) I & II	This course is offered in the first and second semester and conducted according to the program curriculum of each faculty.

> **Course Structure Diagram with Credits**

To see the course details (such as objectives, learning outcomes, content, assessment and ECTS workload), click the relevant Course Code given in the table below.

1st Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AİT103		Ataturk's Principles and History of Turkish Revolution I	2	0	2	2

ENG101		English I	3	0	3	3
YIT101		Turkish for Foreigners I	2	0	2	2
COM101		Computer I	3	0	3	4
CAM100		Campus Orientation	0	0	0	2
VSH101		Medical Terminology	2	0	2	3
CHC100		Cyprus: History and Culture	0	0	0	2
VSH109		Basic First Aid	3	0	3	3
VSH111		Basic Anatomy	3	0	3	3
AUT101		Sound Physics and Acoustic Principles	4	0	4	6
Total						**30**

1st Year Spring Semester

Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AİT104		Ataturk's Principles and History of Turkish Revolution II	2	0	2	2
ENG102		English II	3	0	3	3
YIT102		Turkish for Foreigners II	2	0	2	2
VSH102		Diseases Knowledge	2	0	2	2
VSH104		Physiology	2	0	2	2
AUT102		Hearing and Speaking Anatomy and Physiology	2	0	2	2
AUT104		Vestibular System Anatomy and Physiology	2	0	2	2
AUT106		Hearing Losses	2	0	2	3
AUT110		Hearing and Speech Audiometry	3	4	5	5
AUT150		Summer Internship (20 Working Days)	0	0	5	5
CAR100		Career Planning	0	0	0	2
Total						**30**

2nd Year Fall Semester

Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
AUT201		Vestibular System Tests	2	2	3	4
AUT203		Impedancemetry Technique	2	2	3	4
AUT205		Education in Clinic and Application I	0	12	6	6
AUT207		Speaking Development	2	0	2	3

Course Code	Pre.	Course Name	Theory	Application/Laboratory	Local Credits	ECTS
AUT209		Hearing Aids (instruments)	2	2	4	4
AUT211		Atypic Child and Audiology	2	0	2	3
AUT213		Advanced Test Methods in Audiometry I	4	2	5	6
VSH201		Measurement and Evaluation	3	0	3	3
Total						30

2nd Year Spring Semester

Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
VSH202		Public Health	3	0	3	4
VSH204		Professional Ethics	3	0	3	4
VSH206		Health Care Management	3	0	3	4
VSH208		Rational Drug Use	0	0	1	1
VSH210		Quality in Health Services	3	0	3	4
AUT202		Electrophysiologic Tests in Audiometry	2	0	2	4
AUT204		Advanced Test Methods in Audiometry II	2	0	2	2
AUT206		Vestibular Electro Physiologic Tests	2	2	3	5
AUT208		Training and Practice in Clinic II	0	8	4	4
Total						30

Elective Courses

Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS

Non-Technical (Non Field-Related) Elective Courses

Code	Pre.	Course Name	Theory	Application/Laboratory	Local Credits	ECTS

Additional Notes

A total of 120 ECTS credits of courses are required to graduate. The Audiometry Technician students must complete technical and non-technical elective courses to provide a total of 120 ECTS credits. Otherwise they will not be deemed to ful fill the conditions to graduate from the program.

Important Information about the Elective Courses

The students of Audiometry Technician must take 5 technical elective courses to graduate.

These courses must be selected from the Technical Elective Courses list. Courses that are not in this list cannot be accepted as technical electives.

ECTS credits of elective courses should be equal or greater than the credits specified in the curriculum.

Important Information about the Non-technical Electives The students of Audiometry Technician department must take 3 non-technical elective courses to graduate. These can be selected from the General Elective Courses (courses with GEC codes) or Generated Common Elective (courses with GCE codes), which are offered by the Common Courses Coordination Unit (odk.neu.edu.tr). The list of these courses are updated every semester.

ECTS credits of GEC/GCE courses should be equal or greater than the credits specified in the curriculum.

* The Audiometry Technician students must ensure that while selecting a new technical, GEC or GCE elective course, it should not be the same, similar or less comprehensive as any course you have previously taken in your curriculum or any compulsory course in your curriculum that you have not taken yet. In this case, the courses you have taken will not be counted as any elective courses and will not fulfill any qualifications in the curriculum.

If you need support for these courses due to your disability, please refer to Disability Support Unit. Contact; engelsiz@neu.edu.tr

Exam Regulations & Assessment & Grading

Exam Regulations and, Assessment, and Grading

For each course taken at NEU, the student is given one of the letter grades below by the instructor as the semester course grade. Each grade has also its ECTS grade equivalent

The table below provides the detailed information about the local letter grades, coefficients and ECTS grade equivalents.

SCORE	GRADE	COEFFICIENT	ECTS Grade
90-100	AA	4.0	A
85-89	BA	3.5	B*
80-84	BB	3.0	B*
75-79	CB	2.5	C*

70-74	CC	2.0	C*
60-69	DC	1.5	D
50-59	DD	1.0	E
49 and below	FF	0.0	F

*for these ones, the higher grade is applied

In order to be successful in a course, short cycle (associate degree) and first cycle (bachelor's degree) students have to get a grade of at least DD, second cycle (master's degree) students have to get a grade of at least CC, and third cycle (Ph.D.) students have to get a grade of at least CB to pass a course. For courses which are not included in the cumulative GPA, students need to get a grade of S.

Apart from that, each local grade has it is equivalent ECTS grade which makes it easier to transfer the grades of mobility periods of students. The chart above shows the ECTS grading system at NEU.

Also, among the Letter Grades;

I	Incomplete
S	Satisfactory Completion
U	Unsatisfactory
P	Successful Progress
NP	Not Successful Progress
EX	Exempt
NI	Not included
W	Withdrawal
NA	Non-Attendance

Grade of I (Incomplete), is given to students who are not able to meet all the course requirements at the end of the semester or summer school due to a valid justification accepted by the instructor. Students who receive a letter grade "I" must complete their missing course requirements and receive a letter grade within one week following the date the end of semester grades or summer school grades submitted. However, in the event of special cases, this period can be extended until two weeks before the beginning of registration for the next semester, upon the recommendation of the respective Graduate School department head and the decision of that academic unit's administrative board. Otherwise, grade of "I" will automatically become grade of FF, or grade of U.

Grade of S (Satisfactory) is given to students who are successful in non-credited courses.

Grade of U (Unsatisfactory) is given to students who are unsuccessful in non-credited courses.

Grade of P (Successful Progress) is given to students, who continue to the courses that are not included in the GPA that has a period exceeding one semester, and regularly performs the academic studies for the respective semester.

Grade of NP (Not Successful Progress) is given to students, who do not regularly perform the academic studies for the respective semester for courses that are not included in the GPA and have a period exceeding one semester.

Grade of EX (Exempt), is given to students who are exempt from some of the courses in the curriculum.

Grade of NI (Not included) is issued to identify the courses taken by the student in the program or programs which are not included in the GPA of the student. This grade is reported in the students' transcripts with the respective letter grade. Such courses are not counted as the courses in the program that the student is registered to.

Grade of W (Withdrawal) is used for the courses that the student withdraws from in the first ten weeks of the semester following the add/drop period, upon the recommendation of his/ her advisor and the permission of the instructor that teaches the course. A student is not allowed to withdraw from courses during the first two semesters of his/ her associate/undergraduate degree program and from those courses he/she has to repeat and received grade "W" before, which are not included in the grade average. A student is allowed to withdraw from two courses at the most during his/ her associate degree study, and four courses during his/her undergraduate study upon the recommendation of the advisor and the permission of the instructor that teaches the course. A student has to take the course that he/she withdrew from, the first semester in which it is offered.

Grade "NA" (Non-Attendance) is issued by the instructor for students who fail to fulfil the attendance and/or requirements of the course and/or who lose their right to take the end of semester exam because they failed to take any of the exams administered throughout the semester. Grade "NA" is not considered in the average calculations.

Both the ECTS grades and the local grades of the students are displayed on the official transcript of the students.

➢ **GRADUATION REQUIREMENTS**

In order to graduate from this undergraduate program, the students are required;

to succeed in all of the courses listed in the curriculum of the program by getting the grade of at least DD/S with a minimum of 120 ECTS

to have a Cumulative Grade Point Average (CGPA) of 2.00 out of 4.00

to complete their compulsory internship in a specified duration and quality.

➢ **MODE OF STUDY**

This is a full time program.

➢ **PROGRAM DIRECTOR (OR EQUIVALENT)**

Uzm. İbrahim Karam, Vocational School of Health Sciences, Near East University

➢ EVALUATION QUESTIONNAIRES

Evaluation Survey

Graduation Survey

Satisfaction Survey