

NEAR EAST UNIVERSITY

VOCATIONAL SCHOOL OF HEALTH SCIENCES

DIALYSIS TECHNICIAN

COURSE CATALOGUE

2021-22 FALL

➤ **QUALIFICATION AWARDED**

Dialysis Technician Associate Degree Diploma is given to students who successfully complete the program.

➤ **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**

Vocational School of Health Services education; Summer internship at the end of the 1st year (2nd semester) and in the 3rd and 4th semesters are planned on the basis of semester/professional practices.

Physical Education and Swimming elective courses in the First and Emergency Aid Department are notified to the relevant department coordinator by the student at the beginning of the semester, according to the student's preference.

Foreign students studying in English programs are required to choose Turkish for Foreigners (YİT101-102) and be successful.

Each semester, the program of the next education period is prepared by the Board of Vocational School of Health Services. The finalized program is announced to the faculty and students at the beginning of the academic year on the Vocational School of Health Services website (shmyo.neu.edu.tr).

➤ **PROGRAM OUTCOMES**

Program Outcomes	
1	Uses basic theoretical and applied knowledge about the field.
2	Interprets and evaluates data using basic knowledge and skills acquired in the field, defines and analyzes problems, and takes part/takes responsibility in studies planned for solution.
3	Evaluates the basic level of knowledge and skills acquired in the field with a critical approach.
4	Informs the relevant people and institutions by using the basic knowledge and skills he/she has on the subjects related to his/her field; conveys his thoughts and suggestions for solutions to problems in written and verbal form.
5	Contributes in accordance with social, scientific, cultural and ethical values in the stages of collecting, interpreting, applying and announcing the results of the data related to the field.
6	Acts and participates in quality management and processes.
7	Individuals have experience working with other health disciplines.

➤ **COURSE & PROGRAM OUTCOMES MATRIX**

		Program Outcomes												
Course Code	Course Name	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	-	-	-	5	-	-	-						
ENG101	ENGLISH I	-	5	-	-	-	-	-						
YIT101	TURKISH FOR FOREIGNERS I	-	-	-	-	-	-	-						
COM101	COMPUTER I	4	-	-	-	4	-	-						
CAM100	CAMPUS ORIENTATION	3	-	-	-	5	-	-						
VSH101	MEDICAL TERMINOLOGY	-	-	-	3	-	--	-						
CHC100	CYPRUS: HISTORY AND CULTURE	-	2	-	-	-	-	-						
VSH109	BASIC FIRST AID	-	5	-	-	3	4	-						
VSH111	BASIC ANATOMY	-	-	-	5	-	-	-						
DIT101	PATIENT CARE PRINCIPLES	-	5	-	-	-	-	-						
DIT103	DIALYSIS EQUIPMENT USE AND MAINTENANCE	4	-	-	-	4	-	-						
1st Year - 2nd Semester														
AİT104	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	4	-	-	-	4	-	-						
ENG102	ENGLISH II	3	-	-	-	5	-	-						
YIT102	TURKISH FOR FOREIGNERS II	-	-	-	3	-	--	-						
PHR102	PHARMACOLOGY	-	2	-	-	-	-	-						
VSH102	DISEASES KNOWLEDGE	-	5	-	-	3	4	-						
VSH104	PHYSIOLOGY	-	5	-	-	3	4	-						
CMB102	CLINICAL MICROBIOLOGY	-	-	-	5	-	-	-						
DIT102	NEPHROLOGY I	-	5	-	-	-	-	-						
DIT104	INTERNAL MEDICINE	-	-	-	-	-	-	-						
DIT108	DIALYSIS I	-	5	-	-	3	4	-						
DIT112	BIOPHYSICS	-	5	-	-	-	-	-						
DIT150	SUMMER INTERNSHIP (20 WORKING DAYS)	-	-	-	-	-	-	-						
CAR100	CAREER PLANNING	-	5	-	-	3	4	-						
2nd Year - 1st Semester														
DIT201	NEPHROLOGY II	2	-	4	5	-	-	-						

DIT203	DIALYSIS II	-	5	-	-	3	4	-										
DIT205	MENTAL HEALTH PROBLEMS IN DIALYSIS PATIENTS	-	-	-	5	-	-	-										
DIT207	ENTERAL AND PARENTERAL ADMINISTRATION	-	5	-	-	-	-	-										
DIT209	SURGICAL DISEASES	2	-	4	5	-	-	-										
HMT207	HEMATOLOGY	-	5	-	-	3	4	-										
CBC203	CLINICAL BIOCHEMISTRY	-	-	-	5	-	-	-										
NPC107	NUTRITION PRINCIPLES	-	5	-	-	-	-	-										
VSH201	MEASUREMENT AND EVALUATION	2	-	4	5	-	-	-										
2nd Year - 2nd Semester																		
VSH202	PUBLIC HEALTH	2	-	-	-	-	5	5										
VSH204	PROFESSIONAL ETHICS	-	-	-	3	-	4	4										
VSH206	HEALTH CARE MANAGEMENT	3	-	5	-	-	4	5										
VSH208	RATIONAL DRUG USE	3	-	-	-	-	--	-										
VSH210	QUALITY IN HEALTH SERVICES	-	-	-	3	-	4	4										
DIT202	TERM IMPLEMENTATION	3	-	5	-	-	4	5										

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

➤ OCCUPATIONAL PROFILES OF GRADUATES

Our students who graduated with the title of health technician; They work in health institutions (hospitals, health centers, 112 emergency stations, dialysis centers, etc.), research centers, private laboratories, imaging centers, nursing homes and rehabilitation centers, pharmacies, dental clinics, opticians, in different fields according to their education and expertise levels.

➤ ACCESS TO FURTHER STUDIES

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

➤ PROGRAM STRUCTURE

Dialysis Technician associate degree program consists of 38 courses with a total of 120 ECTS credits.

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

Vocational School of Health Services education period consists of 2 (two) years and 4 (four) semesters. It covers 2 (two) semesters (fall and spring) each year and each semester lasts 14 (fourteen) weeks. These periods do not include the final and make-up exams. The Senate may extend or shorten these periods when it deems necessary.

English Preparatory School is only for students who will study in English.

COURSES OFFERED THROUGHOUT THE UNIVERSITY		
	Campus Orientation	The students are registered to this course at the beginning of the first semester of the

Common University Courses		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.

1 st 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	2	0	2	2
VSH109		BASIC FIRST AID	3	0	3	3
VSH111		BASIC ANATOMY	3	0	3	3
DIT101		PATIENT CARE PRINCIPLES	2	0	2	2
DIT103		DIALYSIS EQUIPMENT USE AND MAINTENANCE	3	0	3	4

Total						30

1 st 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
PHR102		PHARMACOLOGY	2	0	2	2
VSH102		DISEASES KNOWLEDGE	2	0	2	2
VSH104		PHYSIOLOGY	2	0	2	2
CMB102		CLINICAL MICROBIOLOGY	3	0	3	3
DIT102		NEPHROLOGY I	2	0	2	2
DIT104		INTERNAL MEDICINE	1	0	1	1
DIT108		DIALYSIS I	1	1	2	2
DIT112		BIOPHYSICS	2	0	2	2
DIT150		SUMMER INTERNSHIP (20 WORKING DAYS)	0	0	5	5
CAR100		CAREER PLANNING	0	0	0	2
Total						30

2 nd Year Fall Semester						
Course Code	Pre.	Course Name	Theory	Application/ Laboratory	Local Credits	ECTS
DIT201		NEPHROLOGY II	2	1	3	4
DIT203		DIALYSIS II	2	6	5	7
DIT205		MENTAL HEALTH PROBLEMS IN DIALYSIS PATIENTS	2	0	2	2
DIT207		ENTERAL AND PARENTERAL ADMINISTRATION	2	0	2	2
DIT209		SURGICAL DISEASES	2	0	2	2
HMT207		HEMATOLOGY	2	2	3	4
CBC203		CLINICAL BIOCHEMISTRY	3	0	3	4
NPC107		NUTRITION PRINCIPLES	2	0	2	2
VSH201		MEASUREMENT AND EVALUATION	3	0	3	3

Total						30

2 nd 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	1	0	1	1
VSH210		QUALITY IN HEALTH SERVICES	3	0	3	4
DIT202		TERM IMPLEMENTATION	0	26	13	13
Total						30

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 its 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)**

Assoc. Prof. Dr. TUĞÇE BALCI, Head of Department, Near East University

➤ **EVALUATION QUESTIONNAIRES**

Evaluation Survey

Graduation Survey

Satisfaction Survey