|  |  |  |
| --- | --- | --- |
| **Diploma No:** | **Diploma Date:** | |
| **1.INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION** | | |
| **1.1. *Family name(s):***  **1.2. *Given name(s):*** | | **1.3. *Place and date of birth:***  **1.4. *Student identification number:*** |
| **2. INFORMATION IDENTIFYING THE QUALIFICATION** | | |
| **2.1. *Name of the qualification and (if applicable) the title conferred***  ASSOCIATE DEGREE OF BIOMEDICAL SYSTEM TECHNOLOGY, A.D.  **2.2. *Main field(s) of study forqualification***  BIOMEDICAL SYSTEMS TECHNOLOGY  **2.3. *Name and status of awarding institution***  NEAR EAST UNIVERSITY, PRIVATE UNIVERSITY | | **2.4. *Name and type of institution* a*dministering* s*tudies***  SAME AS 2.3.  **2.5. *Language(s) of instruction/examinations***  ENGLISH |
| **3. INFORMATION ON THE LEVEL OF THE QUALIFICATION** | | |
| **3.1. *Level of qualification***  First Cycle (Associate’s Degree) | | **3.2. *Official length of program***  Normally 2 Years, 2 semesters per year,16 weeks per semester |
| **3.3. *Access requirement(s)***  Admission of International nationalities to higher education is based on a nation-wide Student Selection Examination (ÖSS) administered by the Higher Education Council of Turkey (YÖK). Admission of Turkish Republic of Northern Cyprus nationals is based on the Near East University Entrance and Placement Exam. Admission of foreign students is based on their high school credentials. Proof of English language proficiency is also required. | | |
| **4. INFORMATION ON THE CONTENTS AND RESULTS GAINED** | | |
| **4.1*. Mode of study***  Full-Time | | **4.2. *Programme requirements***  A student is required to have a minimum CGPA of 2.OO/4.00 and no failing grades (below DD). |
| **4.3. *Objectives***  Educate and train students to demonstrate ability to research, analyse and present scientific and technological concepts and data in a precise and logical manner; knowledge and understanding the functions and operations of biomedical systems; knowledge or the scientific and technological factors involved in the sector and ability to integrate and apply such knowledge in the management of operational activities; ability to adapt professionally in a rapidly changing society; their perspectives with respect to social issues, responsibilities and ethics. | | ***4.4. Programme details and the individual grades/marks obtained***  Please see the next page. |
| **4.5. *Grading scheme, grade translation and grade distribution guidance:***  For each course taken, the student is assigned one of the following grades by the course teacher.  For A.Sc., B.Sc. or B.A. degrees, students must obtain at least DD or S from each course and have a GGPA of not less than 2.00 out of 4.00 and have completed all the courses and summer practices in the program. For graduate degrees, students must obtain at least CC or S from each course for M.Sc. and M.A., at least BB for Ph.D. They also need to have a GCPA of 3.00 to graduate. The student’s standing is calculated in the form of a Graduate Point Average (GPA) and Cumulative Grade Point (CGPA) and is announced at the end of each semester by the Registrar’s Office. The total credit points for a course are obtained by multiplying the coefficient of the final grade by the credit hours. In order to obtain the GPA for any given semester, the total credit points are divided by the total credit hours. The averages are given up to two decimal points. Students who obtain a CGPA of 3.00-3.49 at the end of a semester are considered as “Honour Students” and those who obtain a CGPA of 3.50-4.00 at the end of a semester are considered as “High Honour Students” and this is recorded in their academic report. The letter grades, the quality point equivalents are:  **PercentageCourse Coefficient Grade PercentageCourse Coefficient Grade**  90-100 4 AA 70-74 2 CC  85-89 3.5 BA 65-69 1.5 DC  80-84 3 BB 60-64 1 DD  75-79 2.5 CB 50-59 0.5 FD  49 and below 0 FF  **l**- Incomplete **S-** Satisfactory Completion, **U**-Unsatisfactory, **NA**-Never Attended,**E**-Exempted, **W**– Withdrawn | | |
| **4.6*Overall classification of the award*** CGPA: /4.00 | | |
| **5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION** | | |
| **5.1. *Access to further study***  May apply to second cycle programmes. | **5.2. *Professional status conferred***  This degree enables the graduates to exercise the profession. | |
| **6. ADDITIONAL INFORMATION** | | |
| **6. 1. *Additional information*** | ***6.2. Sources for further information***  ***Faculty web site***http://www.neu.edu.tr/en/node/6183  ***Department web site*** http://english.neu.edu.tr/  ***University web site*** http://www.neu.edu.tr  ***The Council of Higher Education of Turkey***  http://www.yok.gov.tr  ***Higher Education Planning, Evaluation Accreditation and Coordination of North Cyprus Council Web site*** http://www.ncyodak.org | |

4.4. *Program details and the individual grade/marks obtained:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | ( 1st Semester) |  |  |  |  |  | 2 | ( 2nd Semester) |  |  |  |  |
| Course Code | Course Name | CR | ECTS | Status | Grade |  | Course Code | Course Name | CR | ECTS | Status | Grade |
| TUR 101 | Turkish Language I | 2 | 2 | Compulsory |  |  | TUR 102 | Turkish Language II | 2 | 2 | Compulsory |  |
| AIT 101 | Atatürk’s Principles & History of Turkish Revolution I | 2 | 2 | Compulsory |  |  | AIT 102 | Atatürk’s Principles & History of Turkish Revolution I2 | 2 | 2 | Compulsory |  |
| İNG 101 | English I | 3 | 3 | Compulsory |  |  | İNG 102 | English II | 3 | 3 | Compulsory |  |
| SMO 105 | Basic Mathematics | 3 | 3 | Compulsory |  |  | BCT102 | Electronics I | 4 | 4 | Compulsory |  |
| BCT 101 | General Physics | 4 | 5 | Compulsory |  |  | BCT 104 | Medical Device Technology I | 2 | 2 | Compulsory |  |
| BCT 103 | Introduction to Biomedical Device Technology | 2 | 2 | Compulsory |  |  | BCT 108 | Maintenance and Material | 2 | 2 | Compulsory |  |
| BCT 105 | Circuit Analysis | 4 | 4 | Compulsory |  |  | BCT 110 | Digital Electronics | 4 | 4 | Compulsory |  |
| BCT 107 | Electronic Measurement Tech. and Busines Safety | 3 | 3 | Compulsory |  |  | BCT 112 | Computer Programming | 3 | 3 | Compulsory |  |
| BCT 109 | Medical Instrumentation | 3 | 3 | Compulsory |  |  | BCT 114 | Computer Aided Design | 2 | 2 | Compulsory |  |
| BCT 111 | Treatment Devices | 3 | 3 | Compulsory |  |  | BCT 116 | Alternative Current Circuit Analysis | 3 | 3 | Compulsory |  |
|  |  |  |  |  |  |  | BCT 118 | Control Systems | 3 | 3 | Compulsory |  |
|  |  | 29 | 30 |  |  |  |  |  | 30 | 30 |  |  |
| 3 | ( 3rd Semester) |  |  |  |  |  | 4 | ( 4th Semester) |  |  |  |  |
| Course Code | Course Name | CR | ECTS | Status | Grade |  | Course Code | Course Name | CR | ECTS | Status | Grade |
| BCT 201 | Electronics II | 2 | 4 | Compulsory |  |  | BCT 202 | Medical Analysis Device | 5 | 5 | Compulsory |  |
| BCT 203 | Microprocessor | 4 | 4 | Compulsory |  |  | BCT 204 | Microcontroller Applications | 3 | 3 | Compulsory |  |
| BCT 205 | Electro Mechanic | 4 | 4 | Compulsory |  |  | BCT 206 | Medical Imaging System | 3 | 3 | Compulsory |  |
| BCT 207 | Life Support Devices | 4 | 3 | Compulsory |  |  | BCT 208 | Graduation Project | 3 | 3 | Compulsory |  |
| BCT 209 | Medical Imaging Devices | 4 | 4 | Compulsory |  |  | BCT 210 | Sterilization Devices | 2 | 2 | Compulsory |  |
| BCT 211 | Physiological Signal Monitoring | 3 | 3 | Compulsory |  |  | BCT 212 | System Analysis and Design | 3 | 3 | Compulsory |  |
| BCT 213 | Equipment İnstallation and Removal | 2 | 3 | Compulsory |  |  | BCT 214 | Sensors and Transduers | 3 | 3 | Compulsory |  |
| BCT 215 | Programmable Controllers | 3 | 3 |  |  |  | BCT 216 | Professional English | 2 | 2 | Compulsory |  |
| BCT 217 | Training | 0 | 1 |  |  |  | BCT 218 | Laser Principles | 2 | 2 | Compulsory |  |
| BCT 219 | Graduation Project | 1 | 1 |  |  |  | SMO 210 | Quality in Health Services | 3 | 4 | Compulsory |  |
|  |  | 27 | 30 |  |  |  |  |  | 29 | 30 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL CREDITS 116 - ECTS 120** | | | | | | | | | | |  |  |

**7. CERTIFICATION OF THE SUPPLEMENT**

7.1. *Date* :

7.2. Name and *Signature* :ÜmitSerdaroğlu

7.3. *Capacity* : Registrar

7.4. *Official stamp or seal* :

**8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM**

The basic structure of the North Cyprus Education System consists of four main stages as pre-school education, primary education, secondary education and higher education.

Pre-school education consists of non-compulsory programs whereas primary education is a compulsory 8 year program for all children beginning from the age of 6. The secondary education system includes “General High Schools” and “Vocational and Technical High Schools”.

The Higher Education System in North Cyprus is regulated by the Higher Education Planning, Evaluation, Accreditationand Coordination Council (YükseköğretimPlanlama,Denetleme,AkreditasyonveKoordinasyonKurulu – YÖDAK). Established in 1988, the Council regulates the activities of higher education institutions with respect to research, governing, planning and organization. The higher education institutions are established within the framework of the Higher Education Law. All programs of higher education should be accredited by YÖDAK.

Higher education in North Cyprus comprises all post-secondary higher education programmes, consisting of short, first, second, and third cycle degrees in terms of terminology of the Bologna Process. The structure of North Cyprus higher education degrees is based on a two-tier system, except for dentistry, pharmacy, medicine and veterinary medicine programmes which have a one-tier system. The duration of these one-tier programmes is five years except for medicine which lasts six years. The qualifications in these one-tier programmes are equivalent to the first cycle (bachelor degree) plus secondary cycle (master degree) degree. Undergraduate level of study consists of short cycle (associate degree) - (önlisansderecesi) and first cycle (bachelor degree) - (lisansderecesi) degrees which are awarded after the successful completion of full-time two-year and four-year study programmes, respectively.

Graduate level of study consists of second cycle (master degree) – (yükseklisansderecesi) and third cycle (doctorate) – (doktoraderecesi) degree programmes. Second cycle is divided into two sub-types named as master without thesis and master with thesis. Master programmes without thesis consists of courses and semester project. The master programmes with a thesis consist of courses, a seminar, and a thesis. Third cycle (doctorate) degree programmes consist of completion of courses, passing a qualifying examination and a doctoral thesis. Specializations in dentistry, accepted as equivalent to third cycle programmes are carried out within the faculties of dentistry. Specialization in medicine, accepted as equivalent to third cycle programmes are carried out within the faculties of medicine, and university hospitals and training hospitals operated by the Ministry of Health.

Universities consist of graduate schools (institutes) offering second cycle (master degree) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor degree) programmes, four-year higher schools offering first cycle (bachelor degree) degree programmes with a vocational emphasis and two-year vocational schools offering short cycle (associate degree) degree programmes of strictly vocational nature.

Second cycle degree holders may apply to third cycle programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. The doctoral degree is conferred subject to at least one publication in a cited and refereed journal.

