

# HEALTH SERVICES VOCATIONAL SCHOOL DISABLED HOME CARE PROGRAM 2020-2021

## I.YEAR

### FALL TERM (01 SEMESTER)

#### **MYO101 Basic Anatomy and Physiology 3+0 , ECTS:4**

Definition of anatomy and teaching methods. Anatomy commonly used terms. Motion system, the circulatory system. Respiratory system. The digestive system. Urinary tract. Genital tract. The central nervous system. Endocrine system. Sense Organs. Peripheral formations. Introduction to Physiology, Homeostasis, Cell Physiology, Blood Physiology, Cardiovascular System, Physiology of Respiratory System, Urinary System Physiology, Digestive System Physiology, Reproductive Physiology, Action Potential, Neuronal Circuits, Neuroplasticity, Physiology of Nervous System, Somatic Senses, Motor Function and Spinal Reflexes in the Spinal Cord, Brain Stem and Basal Ganglia, Reticular Formation, Brain waves, Epilepsy, Alertness and Sleep, Limbic System, Hypothalamus, Autonomic Nervous System, Endocrine System Physiology, Sensory Physiology.

#### **EHB101 Disease Knowledge 3+0 , ECTS:5**

In this course, students learn the basic information about acute and chronic diseases and their interventions. These are academic studies that scientifically address the definition of diseases and the treatment process. Treatment of chronic patients, treatment process that chronic patients should pay attention to and drugs to be used General characteristics, formation, classification of infectious agents; Immunization in protection from infections. Immune types and benefits of forgiveness; Isolation and isolation methods in infection protection; Respiratory, Digestive, Skin and Malaria-transmitted infectious diseases general characteristics, care and protection measures; AIDS, viral hepatitis. HAV, HBV, other virus hepatitis, general features, prevention, control; Chronic Diseases tabulation, Features, maintenance of the course and stages, Chronic diseases of the Cardiovascular system and Metabolic system, Chronic diseases of the Pulmonary System, Digestive System and Renal System, Chronic diseases of the Muscular System and Immune system; Chronic diseases of the neurological system and Chronic Fatigue Syndrome .; Personality in old age, organic disorders in the elderly, Affective diseases in the elderly, Anxiety disorders in the elderly, paranoid conditions similar to schizophrenia in the elderly: Pramidal and extra pramidal system, Cerebeller system, Neuromuscular junction, Cerebro Vascular system diseases; Extra pramidal system diseases (migraine, epilepsy), Preperhic nervous diseases, Neurological examination and autonomic nervous system.

#### **EHB103 Patient Care Principles And Applications At Home I 2+0, ECTS:4**

Professional basic concepts; maintenance process; education and learning; patient acceptance, discharge and bed making; control of infection, asepsis, rules of care in accordance with aseptic techniques, the use of materials and equipment for asepsis; fluid electrolyte balance and imbalances, parenteral fluid administration and monitoring; assessment of self-care needs, identification and correct application of

deficiencies in implementation; life signs, evaluation of findings, conditions affecting the findings, detection and follow-up of life signs; movement, body mechanics and the rules appropriate for body mechanics in patient care with the right rules, and moving the patient with these rules - mobilization; cold and hot applications, evaluation of the situations where these applications are necessary, the things to be considered in applications; Applications related to sleep, sleep hygiene.

**BES101 Nutritional Principles 2+0 ECTS: 3**

The content of the course includes Health and nutrition, nutritional problems and causes in the society, food items, food groups, beverages and their features, functional foods, adequate and balanced nutrition principles, energy requirement, ideal height and weight measurements, nutritional principles in special cases.

**RPSI209 Positive Psychology And Communication Skills 2+0 ECTS:3**

Definition of Positive Psychology and Learning of Basic Concepts. Learning the Theoretical Bases of Positive Psychology. Learning the Brain Infrastructure of Social Behaviors. Learning Emotional Intelligence, Emotional Intelligence in Adults, Children and Young People, Marriage and Business Life, Principles of Emotional Intelligence, Personality Development of Emotional Intelligence, Marriage and Work Life. Learning Concepts Related to Self Awareness and Awareness. Learning to Know Others and Empathy Concepts. Learning Communication Skills. Learning Motivation and Planning Skills. Learning Problem Solving Skills. Learning Anger Control Skills. Learning Relationship Management Skills. Learning Concept of Persistence and Impulse Control Skills. Learning Healthy Decision Making Skills. Learning Concepts of Reconciliation.

**TURK101 Turk Language I \* 2+0 ECTS: 3**

Learns the necessity of the connection between language and culture. Gains knowledge of the historical course of Turkish language. Learns the rules of spelling and punctuation, need and contribution to life success. Learn the use of words in the most appropriate place in oral and written expression. They learn how to use their ideas and feelings correctly and effectively.

**İNGU101 English I \* 3+0 ECTS: 3**

Meet, verb, subject pronouns. Sign pronouns, countable / uncountable nouns, quantitative expressions. Wide time (Simple present tense), frequency envelopes. object pronouns, possessive adjectives, have got / has got. should, should, (must / mustn t) can, can (can / can t). Past tense (Simple Past Tense). Understands and comments on listening at the relevant level. Increases vocabulary with various reading texts. Present tense. Conjunctions (and-but- so-because). Comparisons. Gains the ability to understand various English reading passages in the middle lower level.

**ATA101 Atatürk's Principles And Revolution History I \* 2+0 ECTS: 3**

Define concepts, lesson methods and definition of resources. The Industrial

Revolution and the French Revolution. Distribution of the Ottoman State (XIX. Century). Tanzimat and Reform Edict, I. and II. Constitutionalism. World I, Tripoli and Balkan Wars. Mondros Armistice Treaty, Wilson Principles, Paris Conference. The Exit of M. Kemal to Samsun and the Situation in Anatolia. Amasya Circular, National Congresses, Opening of the Mebusan Assembly. Establishment of the Parliament and Internal Revolts. Organization Law, Establishment of Regular Army. I. II. Great Attack with İnönü, Kütahya-Eskişehir and Sakarya Square Battles. Treaties during the War of Independence. The Lausanne Peace Treaty. Abolition of the Sultanate.

### **RKUL101 University Culture I (ÜSEÇ) 0+2 ECTS:1**

Each semester, academic units, student council and student clubs suggestions Seminars, conferences, panels that will be held for 14 weeks within the framework of a program consisting of Includes workshops and utterances.

#### **I.YEAR**

##### **FALL TERM (02 SEMESTER)**

### **EHB104 Patient Care Principles And Applications At Home II 2+2, ECTS:8**

Drug applications (SC - IM - ID - IV - PO - Eye - Ear - Rectal- Vaginal - Skin - Other), Follow-up in drug applications (Application); Health history and physical examination; Evaluation of respiratory system, necessary applications in ineffective breathing patterns (nasal - mask oxygen application, spirometer, aspiration, nebulizer, inhaler drug application, breathing exercises, positions, etc.); Evaluation of the digestive system, feeding types, nutrition according to diseases or various conditions, nasogastric probe care, stoma care, enema types and applications, colostomy care, stool incontinence, maintenance in total parenteral nutrition and other digestive system care; Care of the patient who is approaching death and death; Urinary System evaluation, urinary incontinence and care, foley or condom catheter application - care, retention and other applications for urinary system, perineum care and applications; Aging process, changes in aging and care in the elderly, Wound care and applications (wound care, pressure ulcers, etc.); Surgical care (preop, postop, etc.).

### **EHB110 Growth And Development 2+0, ECTS:4**

Concept of Growth and Development, Growth and Development Theories, Infancy (0-1 Age), Game child (1-3 years old), Preschool (3-6 years old), School age (6-12 years old), Adolescent (12-18 age) Growth and development characteristics in adulthood and old age, health promotion and guidance.

### **RKUL102 University Culture 2 0+2 , ECTS:1**

Each semester includes seminars, conferences, panels, workshops and speeches that will be held for 14 weeks within the framework of a program consisting of academic units, student council and student clubs at the university.

**TURK102 Turkish Language -II 2+0, ECTS:3**

This course provides the students with knowledge on the status and importance of language as a social structure of a nation, language-culture relations, the place of Turkish among other languages with its historical development and spread.

**INGU102 English -II 2+0, ECTS:3**

Tenses: Present tense, Wide tense, Past tense, Future tense structures; Modes: Might, Could, Can, Must, May; Envelopes: Place, Direction, Purpose, State envelopes; Adjectives: Order of adjectives, Comparison, Structures which show superiority; Passive Structure: Present, Wide, Past, Passive structure in the future; Conditional Clauses; Adjective clauses; Transfer Sentences; Verb Structures: TO, -ING; Noun Clauses; Envelope Clauses; Comparative Structures.

**ATA102 Atatürk's Principles and Reforms -II 2+0, ECTS:3**

Political social, economic and cultural changes and developments caused by the restructuring of the state and society in line with the Atatürk's principles and revolutions which aimed at

raising the Turkish Republic to the level of modern nations; evaluation of the internal and external political events with the aim of finding solution to current problems.

**FAR103 Basic Pharmacology 2+0 ECTS: 2**

Introduction to Pharmacology and Basic Concepts, Pharmacokinetics, Central Nervous System Drugs, Autonomic Nervous System Drugs, Cardiovascular System Drugs, Anti-inflammatories, Anesthetics, Rational Drug Use, Elderly Drug Use Principles

**EHB213 Chronic Diseases 2+0 AKTS 5**

Definition of Chronicity, Chronic Heart Failure, Chronic Tonsillitis, Chronic Runny Nose, Chronic Pharyngitis, Chronic Kidney Disease, Chronic Asthma, Chronic Constipation, Chronic Atrophic Gastritis, Chronic Pharyngitis, Chronic Pain, Chronic Kidney Failure, Chronic Obstructive Pulmonary Disease Chronic Anemia, Chronic Leukemia, Chronic Lymphocytic Leukemia, Chronic Fatigue, Chronic Urticaria, Chronic Prostate, Chronic Gastritis, Chronic Inflammation, Chronic Pancreatitis, Chronic Cholecystitis, Chronic Prostate Inflammation, Chronic Sinusitis, Chronic Hepatitis B, Chronic Cough Syndrome

**MIK101 Basic Microbiology 2+0 AKTS 2**

Introduction to Medical Microbiology. Medical Bacteriology and Morphological Properties of Bacteria. Bacterial Metabolism and Reproduction. Bacterial Genetics. Bacterial Virulence Factors. Antimicrobial Substances. Medical Bacteriology. Medical Virology. Medical Parasitology. Medical Mycology. Relationships Between Microorganisms and Microorganism Human Relations. Sterilization, Disinfection and Antisepsis. Basic Immunology. General Principles of Laboratory Diagnosis.

## **II. YEAR**

### **FALL TERM (03 SEMESTER)**

#### **EHB211 Patient Care Principles And Applications At Home III 2+8, ECTS:12**

Surgery: Definition, Types Directed for Solution, Effects on Patient, Risk Factors, Hospital Infection, Perioperative Care and Anesthesia, Postoperative Pain and Care, Daily Surgery and Care, Surgical Diseases and Care of the Digestive System, Surgical Diseases and Care of the Respiratory System, Kidney, Urinary Tract and Surgical Diseases and Care of Male Reproductive Organs, Surgical Diseases and Care of the Nervous System, Transplantation and Care, Stem Cell Transplantation and Care, Breast Diseases and Care, Orthopedic Diseases and Care, Surgical Diseases and Care of the Endocrine System, Surgical Diseases of the Cardiovascular System and Care, Ear, Nose and Throat Surgical Diseases and Care, Eye Diseases Surgery and Care

#### **Optional Lesson (2+0) 2, ECTS:2**

##### **EBR122 Social Responsibility Project**

What is social responsibility? What is the purpose of social responsibility? Why are social responsibility studies important? What is the creation of a social responsibility project? What are the corporate social responsibility studies? Presentation that includes the determined project subject, project purpose and the project team. Presentation of what has been done for the project so far by students, FIELD STUDY-EVALUATION

#### **EHB219 Work Activies 2+0 AKTS 4**

Basic principles and planning in intervention therapy, presentation of materials, various wooden objects and wood painting techniques, plastic acrylic paints and culture activities such as application, cinema, theater, concert and museum visits, activities related to fine arts such as photography, painting, poetry, novel and sculpture. , home plant growing and care, pet feeding and care, neurodevelopmental treatment methods, biomechanical approaches in occupational therapy, occupational therapies that can create economic value, exhibition. (Functional skills for functional activities, Evaluation of occupational function, Daily life activities, measurement of occupational performance, Occupational therapy population, Treatment planning, Sensory - motor skills assessment, Working arrangements, Pension, Volunteering and life issues, Leisure-entertainment, Leisure performance measurement and social participation / health issues are included in the course content).

#### **MET 101 Professional Ethics 2+0, ECTS:2**

What is Deontology? Definition and introduction, the definition and principles of ethics. What is a Job? Profession with the principles, concepts of health and disease. Teamwork in health care. Health professionals in society. Universal declaration of human rights. Patients' rights, laws and regulations related to health care management. Euthanasia and ethics, organ transplantation, ethics, geriatrics and ethics.

#### **EHB201 Social Work and Care 2+0 AKTS 4**

The concept and history of social welfare, Definition and scope of social services, History of social services, Social services as science and discipline, Professional qualifications of social service, Aims of social service, Functions of social service, Distinctive features of social service, Basic information required for gerontological social service and It is designed to gain skills. Course content includes gerontology and gerontological social work concepts; biological, psychological, sociological, political and economic factors affecting the elderly; psycho-social problems faced by the elderly; Within the scope of gerontological social work, issues related to

intervention methods and techniques are included.

**EFH102 Infectious Diseases 2+0 AKTS 3**

Introduction to Infectious Diseases, General Information, Diseases Transmitted by the Digestive System, Food Poisoning, Typhoid, Bacillus. , Hepatitis, AIDS, Urinary System Infections, Hospital Infections, Parasitic Infections, Protection and Control Methods from Infectious Diseases, Aging and Immunology.

**II.YEAR**

**FALL TERM (04 SEMESTER)**

**EHB202 Patient Care Principles And Applications At Home IV 2+8, ECTS:12**

The importance of Women's Health, to examine the situation in terms of care in the world and Turkey; Anatomy of the Reproductive System, Physiology of the Reproductive System, Physiology of Pregnancy, Physiology of the Mother in Pregnancy; Home Patient Care and Monitoring in Family Planning and Infertility; Structural and Functional Disorders of Reproductive Organs and Home Care; Reproductive System Infections and Home Care; Prenatal Care, Pregnancy Nutrition, Fetal Health Assessment and follow-up / orientation, Risky Pregnancies and Home Care Approach; Home Care in Birth Process and Birth Process; Postpartum Compliance, Evaluation, Postpartum and Home Care; Climacterium and Home care; Care and guidance in gynecology examination, medical / surgical treatment and examinations. Home Care in Reproductive Cancer; Child health problems and solution suggestions, Growth and development, Child with chronic and life threatening disease, Child with nutritional and nutritional problems in children, Common accidents and poisonings in childhood, Liquid electrolyte and acid base balance and imbalances in children, Drug application methods in children , Newborn with physical defect, Child with respiratory system problem, Child with neurological system problem, Child with urinary system problem, Child with endocrine system problem, Child with hematological problem, Childhood cancers, Child with genetic and metabolism problem, Skin diseases in children, Childhood mental problems, Home care in all these Child health and diseases.

**EHB206 Social Rehabilitation 2+0 AKTS 4**

Definition and scope of Social Rehabilitation, social rehabilitation in bed-dependent patients, ensuring that the bed-dependent patient maintains his self-confidence in maintaining his social life, gaining daily life skills to the bed-dependent patient, activities of hobby and leisure time, Case presentation

**EHB220 Disabled Care and Rehabilitation 2+0 AKTS 4**

Basic need in disability care, Negative factors affecting Disability Care, Things to be Considered in Disabled Care, Care in Disabled Relatives Care for Disabled, Spina Bifida Related Disability Care Cerebral Palsy Care, Skin Retardation (Mental Retardation) Care, Autism Care, skin health and care hair care, cleaning hairs in the bath room, bed sores and positions.

**İLK 203 First Aid 2+0, ECTS:3**

Description of first aid, the importance of the principles of the first aid kit. Bleeding. Shock and types. Injuries. CPR (Cardio-Pulmonary Resuscitation) Foreign body aspiration. Fractures, dislocations and sprains. Burns. Hot and cold exposure. Poisoning. Medical first aid situations. Geriatric emergencies and first aid.

**EHB999 Summer Internship (0+20 work day) 0, ECTS:9**

Practice with theoretical information.