



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Histology							
Course Code		AN001		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Most small to teach the properties of the tissue they came together and formed the living unit, the cell with the general structure of cells and cell division.							
Course Content		Learning the characteristics of the tissue.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Hakan KANLIOĞLU, Lec. Şengül ŞENTÜRK							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Junqueira's Temel Histoloji
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Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of cell size, shape, structure, cytoplasm, Form Factors
2	Theoretical	Organeller - Membransel Organeller; Hücre zarı, Ergastoplazma, Golgi Aygıtı, Lizozomlar, Mikrocisimler, Mitokondriyonlar
3	Theoretical	Nonmembranous organelles; Centrosome, warp threads, Myofibrillar, neurofibrillary, Tonofibrils. Cytoplasm inclusions.
4	Theoretical	Hücre içi haberci sistemleri, Çekirdek; Çekirdek Zarı, Kromatin, Nükleik Asitlerin Moleküler Yapıları, Nükleik Asitlerin Sentezlenmeleri, Seks Kromatini, Çekirdekçik, Çekirdek Sıvısı.
5	Theoretical	Cell division; Amylose division, Mitosis, Meiosis, Cell Cycle, Cell Differentiation
6	Theoretical	Epithelial tissue; Covering epithelium, secretory epithelium, Kassel epithelium, sensory epithelium
7	Theoretical	Connective Tissue; Connective tissue cells; Mesenchymal cells, reticulum cells, fibroblasts, macrophages, fat cells, plasma cells, mastocytes, Pigment Cells
8	Intermediate Exam	Midterm
9	Theoretical	Connective Tissue Types; Mesenchymal tissue, mucous connective tissue, connective tissue loose, tight (compact), connective tissue, reticular connective tissue, fat tissue
10	Theoretical	Cartilage tissue; Hyaline cartilage, elastic cartilage, fibrous cartilage, cartilage Membrane
11	Theoretical	Bone tissue; Microscopic structure of compact bone, bone cells, Ossification, repair of fractures, joints
12	Theoretical	Blood Tissues; Red blood cells, reticulocytes, Leukocytes; Agronulosit, Thrombocytes, Lymph, Blood Cell Production
13	Theoretical	Muscle tissue, Skeletal Muscle Tissue Heart Muscle tissue, smooth muscle tissue
14	Theoretical	Nerve Tissue; Nerve Cell, Myelin Sheath, neural I, Synapses, Intermediates of Nerve Tissue
15	Theoretical	An overview
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	8	1	9



Final Examination	1	9	1	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	The overall structure of the cell membrane structure and function of membranes, learn microscopic image and functions of the cell organelles.
2	2. Learn more about the features of the division of cell division varieties.
3	3. types of tissues, learn microscopic appearance and functions.
4	learn organelles
5	basic cell information

Programme Outcomes (First and Emergency Aid)

1	To be able to be aware of their professional authorities and responsibilities.
2	To be able to use the principles of individual and organizational communication skills.
3	To be able to define the emergency medical services and the pre-hospital emergency medical system devices used in Turkey and the world .
4	To be able to perform physical assessment of the patient and primary and secondary inspection.
5	To be able to apply the methods of handling and transportation of the patient
6	To be able to recognize the rules of the general approach to trauma patients and to be able to be capable of handling and maintenance of trauma equipment.
7	To be able to recognize emergency vehicles' mechanical and technical equipment and to be able to drive emergency vehicles.
8	To be able to identify the principles of pre-hospital emergency care in cases of environmental emergencies.
9	To be able to identify the principles of pre-hospital emergency care in medical emergencies.
10	To be able to analyze the ECG rhythm and apply the principles of pre-hospital emergency care for rhythm Disorders.
11	To be able to recognize and apply the pre-hospital emergency care drugs and fluids.
12	To be able to identify basic life support applications, Advanced Life Support applications and Advanced air way applications.
13	To be able to recognize the principles of pre-hospital emergency during disasters.
14	To be able to protect and maintain the highest level of physical and mental health.
15	To be able to recognize human anatomy and physiology.
16	To be able to develop good communication and human relations skills with colleagues and patients.
17	To be able to apply Infection Control Methods and check infectious situations of emergency vehicles and equipment, ensure the conditions of asepsis-antisepsis and pre-hospital emergency care with Infectious Diseases.
18	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P15	4	4	4	4	4

