FTR131 - Histology

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)		ECTS
Histology	FTR 131	1.year/2.term spring	2	-	-		4

Prequisites	
Course language	Turkish
Course type	Elective
Learning and teaching strategies	Lecture
Instructor (s)	
Course objective(Aim of course)	In this class, it aimed to gain knowledge of the living tissues of the student.
Learning outcomes	The student; 1)Explains the functions of all tissues in the body to maintain viability. 2)Explains Working mechanisms of tissue in the body. 3)Identifies the pathologies that can be seen in dysfunctions that can occur in the tissues of the body.
References	-Tapul,Leyla. Özel embriyoloji ve histoloji uygulama atlası. İstanbul : Nobel Tıp Kitabevleri, 2012 -Michael H. Ross ; Wojciech Pawlina ; çeviri editörü Barş Baykal. Histoloji : konu anlatımı ve atlas : ilişkili hücre biyolojisi ve moleküler biyoloji ile. Ankara : Palme, 2014 -Abraham L. Kierszenbaum ; çev: Ramazan Demir. Histoloji ve hücre biyolojisi. Ankara : Palme, 2006

Course outline weekly:

Weeks	Topics
1. Week	Cell and organelle structure
2. Week	Intercellular junctional complexes, Cell division
3. Week	Muscle tissue
4. Week	Bone tissue
5. Week	Musculoskeletal system development and defects
6. Week	Formal Epithelium
7. Week	Glandular Epithelium
8. Week	MIDTERM EXAM
9. Week	Connective tissue cells, fibrils and types
10. Week	Cartilage tissue
11. Week	Nerve tissue
12. Week	Blood tissue
13. Week	Blood tissue
14. Week	General revision
15. Week	General revision

ECTS (Student Work Load Table)

Activities	Number	Duration	Total Work Load
Course Duration (X14)	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	3	42
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars	1	10	10
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	8	8
Final Exam Preparation Time	1	12	12
Total Work Load (hour) / 25(s)	100/25=4		
ECTS	**4**		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams	1	%100
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
Total Time To Activities For Midterm		100
Final works		
Final	1	%100
Homework		
Practice		
Laboratory		
Total Time To Activities For Midterm		100
Contribution Of Midterm Studies On Grades		%40
Contribution Of Final Exam On Grades		%60
Total		100

The relationship between learning outcomes and the program qualifications of the courses

Program Qualifications	**Learning outcomes**		
	L.O.1	**L.O.2**	**L.O.3**
1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field.	5	5	5
2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques.	5	5	5
3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications.			
4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences.			
5-They conduct a literature search to access the information by using evidence-based databases and information sources.			
6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice.			
7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level.			
8-Have deontological and ethical awareness in professional researches and applications.			

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent