

## PHYSIOLOGY II

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
<b>Physiology II</b>	<b>FTR 112</b>	<b>1.year/ 2.term spring</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>4</b>
Prequisites						
Course language	Turkish					
Course type	Compulsory					
Learning and teaching strategies	Theory,Discussion					
Instructor (s)						
Course objective(Aim of course)	To teach the students all medical physiology.					
Learning outcomes	The students; 1) will have the basic knowledge the function of organs and systems					
References	1.Guyton,Hall. "Tıbbi Fizyoloji" Nobel –Yüce 10.Edisyon 2001 2.Ganong. "Tıbbi Fizyoloji"Barış Kitabevi,1999 3.Ganong. "Review of Medical Physiology",1997					

### Course outline weekly:

Weeks	Topics

1. Week	The physiology of the digestive system
2. Week	The physiology of the digestive system
3. Week	Urinary tract physiology
4. Week	The physiology of Endocrine system
5. Week	The physiology of Endocrine system
6. Week	Reproductive physiology
7. Week	Reproductive physiology
8. Week	Cardiovascular system physiology
9. Week	Cardiovascular system physiology
10. Week	Cardiovascular system physiology Blood cells, plasma
11. Week	Respiratory Physiology
12. Week	Respiratory Physiology
13. Week	Laboratory: Pulmonary Function Tests Blood pressure
14. Week	Laboratory: Pulmonary Function Tests Blood pressure
15. Week	FINAL EXAM

**ECTS (Student Work Load Table)**

Activities	Number	Duration	Total Work Load
Course Duration (X14 )	14	4	56
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	1	14
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	14	14
Final Exam Preparation Time	1	16	16
<b>Total Work Load ( hour) / 25(s)</b>	100 / 25		
<b>ECTS</b>	4		

### **Evaluation System**

<b>Mid-Term Studies</b>	<b>Number</b>	<b>Contribution</b>
Midterm exams	1	%100
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
<b>Total Time To Activities For Midterm</b>		100
<b>Final works</b>		
Final	1	%100
Homework		
Practice		
Laboratory		
<b>Total Time To Activities For Midterm</b>		100
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
<b>Total</b>		100

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

<b>Program Qualifications</b>	<b>Learning outcomes</b>
	<b>L.O.1</b>
1. Sufficient background in basic- clinical medical sciences and physical therapy and rehabilitation discipline; ability to use theoretical and practical skills and knowledge in these fields with analytical thinking	5
2. Ability to determine, define, formulate and solve the factors that affect health; ability to choose and apply evidence based techniques and new methods for this aim.	
3. Ability to choose and use modern equipments, techniques and modalities for physiotherapy and rehabilitation practices; effectively use the informatique technologies.	
4. Ability to design multidisciplinary research, keep records, collect appropriate data, analysis and interpret results.	
5. Ability to attain new knowledge, make literature reviews, use medical databases and sources of information devoted to medical- health sciences	
6. To work autonomously and effectively in health team and self confidence to take responsibility	
7. To internalize characteristically development, literate and lifelong learning; quality development,to contribute education and promotion programs in field,to internationalize their professional behavior.	

8. To have professional deontology and ethical awareness	
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**Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent**