



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Muscle, Metabolism and Sports Physiology							
Course Code		TFZ520		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	156 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Mechanisms of movement of skeletal muscle and smooth muscles in organisms and their activities in visceral structures							
Course Content		Muscle Types Physiological Anatomy of Skeletal Muscle, Mechanism of Muscle Contraction, Molecular Basis of Contraction, Energy Source of Contraction, Rigor Mortis, Neuromuscular Conduction and Basis, Muscle Action Potential, Muscle Physiology, Molecular Basis of Muscle Contraction, Neural Muscle Junction of Muscle							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Lec. Ferhat ŞİRİNYILDIZ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Guyton, Tibbi Fizyoloji
2	Vander, İnsan Fizyolojisi

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Intermediate Exam	
8	Theoretical	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Theoretical	
16	Final Exam	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	1	28	28	56
Assignment	14	1	3	56
Reading	3	0	14	42
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (*Physiology (Medical) Master*)

1	To be able to acquire a background needed for basic physiological research and having the ability to use the teoritical and practical knowledge in the field
2	To be able to prepare the article in the science of physiology
3	To be able to present papers in the field of science of physiology
4	To have professional ethics and responsibility
5	To be able to reach a level to follow research in the field, to possess written and spoken communication skills and be able to join discussions

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

	L1	L2	L3	L4	L5
P1	4	3	4	5	3
P2	5	4	5	4	4
P3	4	3	4	5	5
P4	5	5	5	5	5
P5	4	4	4	3	3

