



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cellular Research Techniques in Vitro I							
Course Code		TFZ525		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	104 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Why cell culture? How should be designed the cell culture laboratory? Cell culture laboratory equipments and their use, aseptic methods, contamination, media preparation and primary cell culture methods.							
Course Content		Content of cell culture laboratory, cellular research methods, cell culture models							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

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	0	14	14
Lecture - Practice	1	14	14	28
Assignment	10	0	3	30
Reading	3	0	10	30
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				104
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (*Physiology (Medical) Master's Without Thesis*)

1	Has a general knowledge about the field of physiology
2	Records the interactions of systems in the normal functioning of the body
3	Has the ability to produce solutions to the deficiencies in the field
4	Has the ability to determine the deficiencies in the field by specializing in a specific subject.
5	Has the ability to comply with ethical principles

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	5	4	4	4
P2	4	5	5	4	4
P3	5	5	5	4	4
P4	5	4	4	4	4
P5	5	4	5	5	4

