



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Advanced Reproduction Physiology							
Course Code		TFZ606		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	156 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Introduce knowledge skills about reproduction physiology. Present novel scientific data to participants.							
Course Content		Reproduction physiology in male ; female sex glands and hormones, reproduction physiology in female, pregnancy, placenta, fetus physiology, birth, lactation, physiological adaptation in neonates.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, 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	Guyon, Medical Physiology
2	All scientific data about the subject

Week	Weekly Detailed Course Contents	
1	Theoretical	Reproduction physiology
	Practice	Reproduction physiology practice
	Preparation Work	Reading
2	Theoretical	Reproduction physiology in male
	Practice	Reproduction physiology in male practice
	Preparation Work	Reading
3	Theoretical	female sex glands
	Practice	female sex glands practice
	Preparation Work	Reading
4	Theoretical	female sex glands and hormones
	Practice	female sex glands and hormones practice
	Preparation Work	Reading
5	Theoretical	reproduction physiology in female
	Practice	reproduction physiology in female practice
	Preparation Work	Reading
6	Theoretical	pregnancy
	Practice	pregnancy practice
	Preparation Work	Reading
7	Intermediate Exam	Midterm exam
8	Theoretical	placenta
	Practice	placenta practice
	Preparation Work	Reading
9	Theoretical	fetus physiology
	Practice	fetus physiology practice
	Preparation Work	Reading
10	Practice	birth practice
	Preparation Work	Reading



11	Theoretical	lactation
	Practice	lactation practice
	Preparation Work	Reading
12	Theoretical	neonates
	Practice	neonates practice
	Preparation Work	Reading
13	Theoretical	physiological adaptation in neonates.
	Practice	physiological adaptation in neonates practice
	Preparation Work	Reading
14	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Assignment	10	6	1	70
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = <b>ECTS</b>				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To be able to recognize the importance of advanced reproduction physiology
2	To be able to evaluate the relationship between other systems
3	To be able to investigate physiopathological symptoms about the subject
4	Interpret general principals about the subject
5	

### Programme Outcomes (Physiology (Medical) Doctorate)

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	To learn the laws and regulations both national and international in the field of physiology.
4	To gain ability to apply the principles and fundamentals of scientific ethical rules.
5	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.

### 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	5	4	4	4	4
P2	4	5	5	4	4
P3	4	5	5	3	5
P4	4	5	4	4	5
P5	4	4	3	4	4

