



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Physiopathology on Reproductive Health							
Course Code		EBE521		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	106 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To discuss Immune, endocrine, cardiovascular systems, homeostasis and the fundamental principles of pathophysiology for reproductive, the health problems, the answer to the human body in the scope of midwifery practice							
Course Content		homeostasis and factors that affect homeostasis, fluid and electrolyte and acid-base imbalances, shock pathophysiology, and the physiology of the immune system, some pathological conditions-midwifery approach in some pathological conditions-midwifery approach to the physiology of the cardio vascular system, endocrine system, and in some pathological conditions-midwifery approach to physiology, reproductive system physiology, and in some pathological conditions-midwifery approach physiological response to pain, and pain, and labor pain control, wound healing							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Prof. Sündüz Özlem ALTINKAYA							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Guyton A.C., Hall, J.E. (2001). Tıbbi Fizyoloji. (Çev.ed. Hayrünisa Çavuşoğlu). Turkish 1st Ed. İstanbul: Nobel Tıp Kitabevi.
2	McPee S.J., Lingappa V.R., Ganong W.F. (2006). Hastalıkların Patofizyolojisi. (Çev.ed. Erkan Çoban, Gültekin Süleymanlar). Dördüncü baskıdan Çeviri, Ankara: Palme Yayıncılık
3	Nair M. (2009). Fundamentals of Applied Pathophysiology: An Essential Guide for Nursing Students. Erişim: <a href="http://bit.ly/dC95gF">http://bit.ly/dC95gF</a>
4	Munson C., Traister R. (2004). Pathophysiology: a 2-in-1 reference for nurses. Erişim: <a href="http://bit.ly/aAhBSL">http://bit.ly/aAhBSL</a>
5	Sodeman W.E., Sodeman T.M. (1991). Fizyopatoloji, Vol:1, 2nd Ed., Türkiye Klinikleri Yayınevi, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Course presentation and preparation
	Preparation Work	Introducing, reading, search for literature
2	Theoretical	Homeostasis and affecting factors
	Preparation Work	readig, search for literature, review
3	Theoretical	Fluid, Electrolyte and Acid-Base Imbalances
	Preparation Work	reading, search for literature, review
4	Theoretical	pathophysiology of shock
	Preparation Work	reading, search for literature, review
5	Theoretical	Physiology and pathophysiology of the immune system
	Preparation Work	readig, search for literature, review
6	Theoretical	cardiovascular system and physiology
	Preparation Work	readig, search for literature, review
7	Theoretical	cardiovascular system and pathophysiology
	Preparation Work	readig, search for literature, review
8	Intermediate Exam	Midterm Exam
9	Theoretical	physiology of the endocrine system
	Preparation Work	readig, search for literature, review
10	Theoretical	pathophysiology of the endocrine system
	Preparation Work	readig, search for literature, review
11	Theoretical	physiology of the reproductive system
	Preparation Work	readig, search for literature, review



12	Theoretical	pathophysiology of the reproductive system
	Preparation Work	readig, search for literature, review
13	Theoretical	Pain and Physiological Response to Pain
	Preparation Work	readig, search for literature, review
14	Theoretical	Labor pain and control, Wound Healing
	Preparation Work	readig, search for literature, review
15	Theoretical	Labor pain and control, Wound Healing
	Preparation Work	readig, search for literature, review
16	Final Exam	final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	2	84
Midterm Examination	1	8	2	10
Final Examination	1	10	2	12
Total Workload (Hours)				106
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To be able to explain the importance of health care in every step of the pathophysiology
2	To be able to explain homeostasis, fluid, electrolyte and acid-base balance and analyze changes in disease
3	To be able to explain and discuss physiology, and pathophysiology of Pregnancy, childbirth and post-natal periods, immune, endocrine, cardiovascular and reproductive systems,
4	To be able to explain and discuss midwifery care of the pathological conditions
5	To be able to apply a holistic approach to the individual care and follow-up

### Programme Outcomes (Midwifery Master)

1	based on midwifery degree level qualifications, to be able to comprehend the theoretical, practical and to-date information at the level of expertise in midwifery, and develop this information.
2	to be able to develop the philosophy of midwifery with information about concepts, theories and principles of midwifery.
3	to be able to define the issues of profession of midwifery, and develop the appropriate strategies of national and international professional in cooperation with legislative bodies.
4	to be able to develop strategies, policies and implementation plans in midwifery, and evaluate the results obtained within the framework of quality processes.
5	to be able to offer midwifery service of the women, family and community health promoting, disease preventive, curative and supportive.
6	to be able to describe and discuss the basic concepts of women, family and community health, the national and international indicators.
7	to be able to comprehend characteristics of all life stages of women, the potential and existing bio-psycho-social problems, and state care requirements, and give evidence-based midwifery care with problem-solving approach.
8	to be able to comprehend statistics, effective uses relevant software, and to be able to select, calculate and interpret statistical methods while doing research
9	to be able to follow evidence-based practices related to professional practice and conduct research to create evidence of their field.
10	to be able to write the report that she has done / participated the research, and publish national / international a refereed journal publications / offer in the scientific meetings.
11	to be able to monitor scientific and technological developments in the area of midwifery, scan literature, critically evaluate and use new information obtained in accordance with the principles of lifelong learning.
12	to be able to make oral and written communication at least one European language portfolio B2 using in a general level.
13	to be able to comprehend the importance of ethical principles and ethics committees for individual and society, and treat according to 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	5	5	5	5	5
P2	5	5	5	5	5
P5	5	5	5	5	5



P6	5	5	5	5	5
P7	5	5	5	5	5
P11	5	5	5	5	5

