



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Physiopathology I							
Course Code		İHH532		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course explores pathophysiological processes of disease.							
Course Content		Pathophysiological course focuses on functional changes associated with or resulting from disease.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Assoc. Prof. Serap GÖKÇE ESKİN							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Edited by Munden J (2006) Pathophysiology; Lippincott Manual Of Nursing Practice series, Lippincott Williams, Philadelphia.
2	Edited by Stephen J. McPhee (2000) Pathophysiology of disease: an introduction to clinical medicine 3rd ed. Lange Medical Books/McGraw-Hill, Health Profesion Division. New York.
3	Akbayrak, Erkal İlhan, Ançel, Albayrak. (Ed.) (2007). Hemşirelik Bakım Planları (Dahiliye-Cerrahi Hemşireliği ve Psiko-sosyal Boyut). Alter Yayıncılık Akdemir, Ankara
4	Akdemir N. İç Hastalıkları Ve Hemşirelik Bakımı. Ed. Akdemir N, Birol L, Sistem Ofset, 2004, Ankara.
5	Black JM, Hawks JH. (Eds). Medical Surgical Nursing, Clinical Management for Positive Outcomes. 8th ed. St.Louis: Saunders Elsevier 2009
6	Can G. (2007) Onkoloji Hemşireliğinde Kanıta Dayalı Semptom Yönetimi, 3p-Pharma Publication Planning, Mavi İletişim Danışmanlık Aş Medikal Yayıncılık
7	Can G (2010) Onkoloji Hemşireliğinde Kanıta Dayalı Bakım, 2010 İstanbul Konsensusu, Nobel Tıp Kitapevleri Ltd. Şti, İstanbul
8	Fadıloğlu. (Ed.) (2003). Kronik Hastalıklarda Bakım II. İzmir: Meta Basım Matbaacılık Hizmetleri.
9	Karadakovan, A. ve Aslan, E.F. (2010). Dahili ve Cerrahi Hastalıklarda Bakım, Nobel Kitabevi, Adana
10	Lewis, Dirksen, Heitkemper, Bucher, Camera (2011) Medical-Surgical Nursing. Assessment and Management of Clinical Problems. Eight Edition. Mosby. United States of America

Week	Weekly Detailed Course Contents	
1	Theoretical	Cell Structure and Function, Cell Growth and Replication
2	Theoretical	Transmission in the cell membrane
3	Theoretical	Fluid, Electrolyte, and Acid-Base balance
4	Theoretical	Cellular proliferation: cancer: characteristics, Biological Properties of Neoplastic Cells, classifications, markers, etiology, Signs and symptoms
5	Theoretical	Cellular proliferation: cancer: characteristics, Biological Properties of Neoplastic Cells, classifications, markers, etiology, Signs and symptoms
6	Theoretical	Pathophysiology of Neurological System A. Structure & function of the Neurological system B. Alterations of the Neurological system
7	Theoretical	Pathophysiology of Neurological System A. Structure & function of the Neurological system B. Alterations of the Neurological system



8	Preparation Work	<ul style="list-style-type: none"> <li>• Can G. (2007) Onkoloji Hemşireliğinde Kanıta Dayalı Semptom Yönetimi, 3p-Pharma Publication Planning, Mavi İletişim Danışmanlık Aş Medikal Yayıncılık</li> <li>• Can G (2010) Onkoloji Hemşireliğinde Kanıta Dayalı Bakım, 2010 İstanbul Konsensusu, Nobel Tıp Kitapevleri Ltd. Şti, İstanbul</li> <li>• Akdemir N. (2004) İç Hastalıkları Ve Hemşirelik Bakımı. Ed. Akdemir N, Birol L, Sistem Ofset, Ankara</li> <li>• Black JM, Hawks JH. (Eds). (2009) Medical Surgical Nursing, Clinical Management for Positive Outcomes. 8th ed. St.Louis: Saunders Elsevier</li> <li>• Karadakovan, A. ve Aslan, E.F. (2010). Dahili ve Cerrahi Hastalıklarda Bakım,Nobel Kitabevi, Adana</li> <li>• Heitkemper,Bucher,Camera (2011) Medical-Surgical Nursing. Assessment and Management of Clinical Problems. Eight Edition. Mosby. United States of America, Section Two: Pathophysiologic Mechanisms of Disease</li> <li>• Fadiloğlu. (Ed.) (2003). Kronik Hastalıklarda Bakım II. İzmir: Meta Basım Matbaacılık Hizmetleri.</li> <li>• Akbayrak, Erkal İlhan, Ançel, Albayrak. (Ed.) (2007). Hemşirelik Bakım Planları (Dahiliye-Cerrahi Hemşireliği ve Psiko-sosyal Boyut). Alter Yayıncılık Akdemir, Ankara</li> </ul>
	Intermediate Exam	MIDTERMS
9	Theoretical	Pathophysiology of Cardiovascular System A.Structure & functioning of Cardio-vascular system B. Alterations of Cardiovascular function
10	Theoretical	Pathophysiology of Cardiovascular System A.Structure & functioning of Cardio-vascular system B. Alterations of Cardiovascular function
11	Theoretical	Functioning of immunity and Inflammation, infection, and altered immunity states
12	Theoretical	Functioning of immunity and Inflammation, infection, and altered immunity states
13	Theoretical	Pathophysiology of pain
14	Theoretical	Alterations in Body Defenses: Stress & Adaptation
15	Theoretical	Alterations in Body Defenses: Stress & Adaptation
16	Preparation Work	<ul style="list-style-type: none"> <li>• Can G. (2007) Onkoloji Hemşireliğinde Kanıta Dayalı Semptom Yönetimi, 3p-Pharma Publication Planning, Mavi İletişim Danışmanlık Aş Medikal Yayıncılık</li> <li>• Can G (2010) Onkoloji Hemşireliğinde Kanıta Dayalı Bakım, 2010 İstanbul Konsensusu, Nobel Tıp Kitapevleri Ltd. Şti, İstanbul</li> <li>• Akdemir N. (2004) İç Hastalıkları Ve Hemşirelik Bakımı. Ed. Akdemir N, Birol L, Sistem Ofset, Ankara</li> <li>• Black JM, Hawks JH. (Eds). (2009) Medical Surgical Nursing, Clinical Management for Positive Outcomes. 8th ed. St.Louis: Saunders Elsevier</li> <li>• Karadakovan, A. ve Aslan, E.F. (2010). Dahili ve Cerrahi Hastalıklarda Bakım,Nobel Kitabevi, Adana</li> <li>• Heitkemper,Bucher,Camera (2011) Medical-Surgical Nursing. Assessment and Management of Clinical Problems. Eight Edition. Mosby. United States of America, Section Two: Pathophysiologic Mechanisms of Disease</li> <li>• Fadiloğlu. (Ed.) (2003). Kronik Hastalıklarda Bakım II. İzmir: Meta Basım Matbaacılık Hizmetleri.</li> <li>• Akbayrak, Erkal İlhan, Ançel, Albayrak. (Ed.) (2007). Hemşirelik Bakım Planları (Dahiliye-Cerrahi Hemşireliği ve Psiko-sosyal Boyut). Alter Yayıncılık Akdemir, Ankara</li> </ul>
	Final Exam	FİNAL EXAM

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	34	2	36
Final Examination	1	34	2	36
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Outline basic pathological factors that influence the disease process
2	Outline the various pathological processes related to the targeted body systems
3	Describe clinical manifestations associated with the diseased organ(s)
4	Develop basic critical thinking skills that correlate the abnormal functions of body systems with the disease process
5	To be able to interpret process of critical thinking skills the normal functions of the body systems in disease

### Programme Outcomes (Pediatric Nursing Master)

1	To be able to comprehend the changing concepts and new applications in the field of pediatric nursing.
---	--



2	To be able to comprehend children's health problems; propose solutions and health-related policies
3	To be able to Become aware of the role and functions of pediatric nurses
4	To be able to comprehend the development of a healthy child
5	To be able to Become aware and sensitive about children's rights
6	To be able to Become sensitive about the factors that could affect and change the health and development of children in their daily life.
7	To Be able to identify child care needs, in a holistic and humanistic approach to care giving.
8	To be able to comprehend the importance of lifelong learning and professional development and providing adequate and effective care.
9	To be able to Execute their role adequately and effectively in a health care team.
10	To be able to comprehend care management and rehabilitation of children with life-threatening and chronic diseases.
11	To be able to Execute the art and science of Pediatric Nursing in a evidence-based manner.
12	To be able to Become sensitive to the ethical problems that affect children and their families.
13	To be able to Develop a consciousness of professional nursing.

**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	3	3	4	3	4
P2	1	2	2	2	4
P3	4	4	4	4	4
P4	3	3	3	3	4
P5	3	4	4	4	5
P6	3	4	4	4	4
P7	4	4	4	4	5
P8	4	4	4	3	4
P9	4	4	5	4	4
P10	3	3	4	3	5
P11	3	4	3	4	4
P12	3	4	4	4	5
P13	4	4	4	4	5

