



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 (Hours)	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)	Prof. Zeynep GÜNEŞ								

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 Profession 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"> • Can G. (2007) Onkoloji Hemşireliğinde Kanıta Dayalı Semptom Yönetimi, 3p-Pharma Publication Planning, Mavi İletişim Danışmanlık Aş Medikal Yayıncılık • Can G (2010) Onkoloji Hemşireliğinde Kanıta Dayalı Bakım, 2010 İstanbul Konsensusu, Nobel Tıp Kitapevleri Ltd. Şti, İstanbul • Akdemir N. (2004) İç Hastalıkları Ve Hemşirelik Bakımı. Ed. Akdemir N, Birol L, Sistem Ofset, Ankara • Black JM, Hawks JH. (Eds). (2009) Medical Surgical Nursing, Clinical Management for Positive Outcomes. 8th ed. St.Louis: Saunders Elsevier • Karadakovan, A. ve Aslan, E.F. (2010). Dahili ve Cerrahi Hastalıklarda Bakım,Nobel Kitabevi, Adana • 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 • Fadiloğlu. (Ed.) (2003). Kronik Hastalıklarda Bakım II. İzmir: Meta Basım Matbaacılık Hizmetleri. • Akbayrak, Erkal İlhan, Ançel, Albayrak. (Ed.) (2007). Hemşirelik Bakım Planları (Dahiliye-Cerrahi Hemşireliği ve Psiko-sosyal Boyut). Alter Yayıncılık Akdemir, Ankara
	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"> • Can G. (2007) Onkoloji Hemşireliğinde Kanıta Dayalı Semptom Yönetimi, 3p-Pharma Publication Planning, Mavi İletişim Danışmanlık Aş Medikal Yayıncılık • Can G (2010) Onkoloji Hemşireliğinde Kanıta Dayalı Bakım, 2010 İstanbul Konsensusu, Nobel Tıp Kitapevleri Ltd. Şti, İstanbul • Akdemir N. (2004) İç Hastalıkları Ve Hemşirelik Bakımı. Ed. Akdemir N, Birol L, Sistem Ofset, Ankara • Black JM, Hawks JH. (Eds). (2009) Medical Surgical Nursing, Clinical Management for Positive Outcomes. 8th ed. St.Louis: Saunders Elsevier • Karadakovan, A. ve Aslan, E.F. (2010). Dahili ve Cerrahi Hastalıklarda Bakım,Nobel Kitabevi, Adana • 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 • Fadiloğlu. (Ed.) (2003). Kronik Hastalıklarda Bakım II. İzmir: Meta Basım Matbaacılık Hizmetleri. • Akbayrak, Erkal İlhan, Ançel, Albayrak. (Ed.) (2007). Hemşirelik Bakım Planları (Dahiliye-Cerrahi Hemşireliği ve Psiko-sosyal Boyut). Alter Yayıncılık Akdemir, Ankara
	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 (Surgical Nursing Master)

1	To be able to reach at the scientific information on nursing, follow the up-to-date literature, evaluate and practice it.
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2	To be able to Convert the theoretical and practical speciality level information acquired in the field of nursing of surgical diseases into behaviour
3	To be able to Solve problems requiring specialization by using scientific research methods
4	To be able to Criticize the advanced information and skills obtained in the field of nursing of surgical diseases
5	To be able to Relay the current affairs and her own studies in the field of surgical nursing systematically in writing, verbally and visually to the groups of her own field and others groups
6	To be able to Communicate verbally and in writing in at least one language at Level B2 of European Language Portfolio Global Scale ("European Language Portfolio Global Scale", Level B2)
7	To be able to Implement the information digested in the field of surgical nursing and problem solving abilities among the inter disciplinary studies
8	To be able to Behave according to the social, scientific and vocational ethical values

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	3	3	3
P5	3	3	3	3	3
P6	3	3	3	3	3
P7	4	4	4	4	4
P8	4	4	4	4	

