AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Physiopathology I								
Course Code	İHH532		Couse 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)	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) Pathopysiology;Lippincott Manual Of Nursing Practice series, Lippincott Williams, Philadelphia.
2	Edited by Stephen J. McPhee (2000) Pathophysiology of disease: an introduction to clinical medicine3rd 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	• 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 • Fadıloğlu. (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	• 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 • Fadıloğlu. (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 *(Medical Nursing Master)*

1	Utilize/apply the concepts, theories and principles of nursing science

2	Demonstrate advance competence in practice of nursing
3	Practice as a nurse specialist.
4	Demonstrate leadership qualities and function effectively as nurse educator and manager.
5	Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6	Establish collaborative relationship with members of other disciplines
7	Demonstrate interest in continued learning for personal and professional advancement.

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	4	4	4	5
P2	1	1	1	1	
P3	2	2	2	2	
P4	1	1	1	1	
P5	1	1	1	1	3
P6	1	1	1	1	3
P7	4	4	4	4	5