



**AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
CHILD HEALTH AND DISEASES NURSING
CHILD HEALTH AND DISEASES NURSING
PEDIATRIC NURSING MASTER
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 (Pediatric Nursing Master)

1	Learn about the changing concepts and new applications in the field of pediatric nursing
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2	Gain the knowledge about children's health problems; propose solutions and health-related policies.
3	Become aware of the role and functions of pediatric nurses.
4	Gain the knowledge of the development of a healthy child.
5	Become aware and sensitive about children's rights
6	Become sensitive about the factors that could affect and change the health and development of children in their daily life.
7	Be able to identify child care needs, in a holistic and humanistic approach to care giving.
8	Understand the importance of lifelong learning and professional development and providing adequate and effective care.
9	Execute their role adequately and effectively in a health care team.
10	Gain knowledge of in care management and rehabilitation of children with life-threatening and chronic diseases.
11	Execute the art and science of Pediatric Nursing in a evidence-based manner.
12	Become sensitive to the ethical problems that affect children and their families.
13	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	4	4	4
P10	3	3	3	3	4
P11	3	4	4	4	4
P12	3	4	4	4	5
P13	4	4	4	4	4

