



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Cardiovascular Surgery Nursing								
Course Code	CHH528		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	4	Workload	96 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Aims to gain critical purposes in emergency situations in cardiovascular surgery patients requiring a holistic approach to care, rehabilitation, patient and family teaching, decision-making skills necessary .								
Course Content	Anatomy and physiology of the cardiovascular system, diseases, diagnosis and treatment and nursing care, heart transplantation, hemodynamics, peripheral vascular system anatomy and physiology, diseases, diagnosis and treatment and nursing care, commonly used drugs in the cardiovascular surgery,.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Lec. Nurdan GEZER								

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Lewis SL, Dirksen SR, Heitkemper MM, Bucher L, Camera IM (2011) Medical Surgical Nursing: Assessment and Management of Clinical Problems, Vol:1, Ed 8, Mosby, St Louis.
2	Phillips NF, Berry EC, Kohn ML (2007) Berry and Kohn's Operating Room Technique, Ed 11, Mosby, St Louis.
3	Karakovan, A., Aslan Eti, F (2010) Dahili ve Cerrahi Hastalıklarda Bakım, Nobel Kitabevi, Adana.
4	Ignatavicius DD., Workman ML (2006) Medical-surgical nursing : critical thinking for collaborative care, Mosby, Louis.
5	Woodrow P. (2006) Intensive Care Nursing Second Edition, Routledge, Newyork. Rothrock C.J., Alexander's Care of the Patient in Surgery , twelfth edition, Mosby USA, 2005
6	Edited by] (2005) Punder R., Nursing the Surgical Patient, Second Edition, Elsevier Science, China.
7	Rothrock C.J (2005) Alexander's Care of the Patient in Surgery , twelfth edition, Mosby USA

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy and physiology of the cardiovascular system
2	Theoretical	Evaluation of the cardiovascular system
3	Theoretical	Acquired Heart Diseases-Diagnosis and Treatment of Cardiovascular Surgery Requiring Methods I
4	Theoretical	Acquired Heart Diseases-Diagnosis and Treatment of Cardiovascular Surgery Requiring Methods II
5	Theoretical	Acquired Heart Diseases Cardiovascular Surgery Requiring Nursing Care
6	Theoretical	Requiring Nursing Care of Congenital Heart Diseases and Cardiovascular Surgery
7	Theoretical	Heart-Lung Transplantation and Nursing Care
8	Intermediate Exam	Midterm Exam
9	Theoretical	Patient hemodynamically Cardiovascular Surgery
10	Theoretical	Evaluation of peripheral vascular system anatomy and physiology
11	Theoretical	Peripheral Vascular Diseases Requiring Surgical Intervention system-Diagnosis and Treatment Methods
12	Theoretical	Nursing Care Peripheral Vascular Diseases Requiring Surgical Intervention system
13	Theoretical	Cardiovascular complications and Postoperative Nursing Care
14	Theoretical	Drugs Used in Cardiovascular System Surgeries Favorites
15	Theoretical	Drugs Used in Cardiovascular System Surgeries Favorites



16	Final Exam	Final Exam
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**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	10	2	24
Midterm Examination	1	15	2	17
Final Examination	1	25	2	27
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	To be able to explain the basic concepts of cardiovascular surgery
2	To be able to explain the physiological and psychological problems and Cardiovascular surgical nursing interventions appropriate for patients
3	To be able to explain the evidence-based practices used in the care of patients with cardiovascular surgery.
4	To be able to explain the physiological and psychological problems and Cardiovascular surgical nursing interventions appropriate for patients
5	To be able to comprehend the ethical rules of patient care, while cardiovascular surgery.

**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.
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	4	4	4	4	
P2		3	3	3	
P3		3			
P4	3	4	4	3	
P8	3	3	3		4

