

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
Pathophysiology in Nursing	HEM203	2. Year/3. Semester / Autumn	2	0	0	5
Prerequisites	None					
Language of Instruction	Turkish					
Course Type	Elective					
Learning and teaching techniques of the Course	Lecture, Discussion, Question & Answer, Team /Group Work, Role Playing /Dramatization, Case Study, Problem/Problem Solving, Brainstorming, Other					
Instructor(s)	Doç. Dr. Arzu Tuna/Yrd. Doç. Dr. Medet Korkmaz					
Goal	This course aims to understand for students, the relationship of cell, liquid and electrolyte balance, assists and bases balance, nerve system, heart and vessels system, respiratory system, gastrointestinal system, genital-urinary system, bone and muscle system with nursing care					
Learning Outcomes	The relationship of cell, liquid and electrolyte balance, assists and bases balance, nerve system, heart and vessels system, respiratory system, gastrointestinal system, genital-urinary system, bone and muscle system with nursing care					
References	<ol style="list-style-type: none"> 1. Erdil F, Özhan Elbaş N. Cerrahi Hastalıklar Hemşireliği, 2003, Ankara 2. Karadokovan A, Eti Aslan F. Dahili Cerrahi Hastalıklarda Bakım, 2009, Adana 3. Brunner & Suddarths Textbook Of Medical Surgical Nursing, 2008, Eds: Suzanne C. Smeltzer, Pauline Paul, USA 4. McCance L. Kathryn, Huether E. Sue; "Pathophysiology The Biologic Basis For Disease in Adults and Children", 1990, The C.V. Mosby Company, StLouis. 					

Course Outline Weekly:

Weeks	Topics
1. Week	The relationship of cell, cell injury, cell adaptation with nursing care
2. Week	The relationship of assists and bases balance with nursing care
3. Week	The relationship of liquid and electrolyte balance with nursing care
4. Week	The relationship of nerve system with nursing care
5. Week	The relationship of nerve system with nursing care
6. Week	The relationship of heart and vessels system with nursing care
7. Week	The relationship of heart and vessels system with nursing care
8. Week	I. MIDTERM EXAM
9. Week	The relationship of respiratory system with nursing care
10. Week	The relationship of gastrointestinal system with nursing care
11. Week	The relationship of endocrine system with nursing care
12. Week	The relationship of genito-urinary system with nursing care
13. Week	The relationship of bone and muscle system and nursing care
14. Week	The relationship of bone and muscle system and nursing care
15. Week	II. MIDTERM EXAM
16. Week	FINAL EXAM

Evaluation System

Mid-Term Studies	Number	Contribution
Midterm exams	2	%50
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
Total Time To Activities For Midterm		%50
Final works		%50
Final	1	%50
Homework		
Practice		
Laboratory		
Total Time To Activities For Midterm		%50
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
Total		100

ECTS (Student WorkLoad Table)

Activities	Number	Duration	Total Work Load
Course Duration (X14)	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	5	70
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)	1	9	9
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	8	8
Final Exam Preparation Time	1	10	10
Total Work Load (hour) / 25(s)	125/25=5		
ECTS	5		

Program Qualifications		Learning outcomes			
		L.O1	L.O2	L.O3	L.O.4
1.	1. Competent and has the capabilities to fulfill their occupational duties.	5	5	5	5
2.	2. Knows the theories and models that form the basis of Professional practice.	3	3	3	3
3.	3. Has the general knowledge required to be both an individual and a member of the occupation.	3	3	3	3
4.	4. Carries out nursing practice based on the principles and standards.	3	3	3	3
5.	5. Meets the health-care needs of the individuals, families and the society with a holistic approach.	4	4	4	4
6.	6. Makes use of effective communication.				
7.	7. Utilizes information and care technologies in professional practice and research.	3	3	3	3
8.	8. Uses scientific principles and techniques in Nursing practice.	5	5	5	5
9.	9. Follows the latest advances and communicates with colleagues in a foreign language.	5	5	5	5
10.	10. Behaves according with the professional ethics and values.				
11.	11. Takes the related legislation and regulations into account in Nursing practice.				
12.	12. Follows the politics and regulations affecting the Nursing profession.				
13.	13. Uses the learning-teaching and management processes in Nursing practice.	5	5	5	5
14.	14. Uses the life-long learning, problem-solving and critical thinking abilities.	5	5	5	5
15.	15. With a sense of social responsibility takes part in studies, projects and some other activities with other team members and other disciplines.	3	3	3	3
16.	16. Joins in activities that can contribute to professional development.	5	5	5	5
17.	17. Sets as a model for colleagues and the society with their professional identity.	5	5	5	5
18.	18. Protects the basic values and social rights.				
Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent					

The relationship between learning outcomes and the program qualifications of the course