

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)						
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"> <li>1. Erdil F, Özhan Elbaş N. Cerrahi Hastalıklar Hemşireliği, 2003, Ankara</li> <li>2. Karadokovan A, Eti Aslan F. Dahiliye Cerrahi Hastalıklarda Bakım, 2009, Adana</li> <li>3. Brunner &amp; Suddarth's Textbook Of Medical Surgical Nursing, 2008, Eds: Suzanne C. Smeltzer, Pauline Paul, USA</li> <li>4. McCance L. Kathryn, Huether E. Sue; "Pathophysiology The Biologic Basis For Disease in Adults and Children", 1990, The C.V. Mosby Company, St Louis.</li> </ol>					

### Course Outline Weekly:

Weeks	Topics
1. Week	The relationship of cell, cell injury, cell adaptation with nursing care
2. Week	The relationship of liquid and electrolyte balance with nursing care
3. Week	The relationship of assists and bases 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	<b>MIDTERM EXAM</b>
8. Week	The relationship of heart and vessels system with nursing care
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	<b>GENERAL AGAIN</b>

## Evaluation System

Mid-Term Studies	Number	Contribution
Midterm exams	1	%40
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
Final	1	%60
<b>TOTAL</b>	2	%100
Contribution Of Midterm Studies On Grades	1	%40
Contribution Of Final Exam On Grades	1	%60
<b>Total</b>		<b>100</b>

## ECTS (Student WorkLoad Table)

Activities	Number	Duration	Total Work Load
Course Duration (X14 )	14	3	42
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	4	56
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	2	10	20
Final Exam Preparation Time	1	10	10
Total Work Load ( hour) / 25(s)			128/25=5
<b>ECTS</b>			<b>5</b>

**The relationship between learning outcomes and the program qualifications of the courses**

Program Qualifications		Learning outcomes			
		L.O1	L.O2	L.O3	L.O4
1.	Fulfills the professional roles and responsibilities of nursing.	5	5	5	5
2.	Carries out nursing practices in line with professional ethical principles and standards.	3	3	3	3
3.	Uses holistic approach in nursing care, communicates effectively with individuals, families and society.	3	3	3	3
4.	Bases nursing practices on scientific basis.	3	3	3	3
5.	In nursing practices, it considers the relevant laws, regulations and legislation.	4	4	4	4
6.	Uses the teaching-learning process in nursing practices.				
7.	Uses problem solving, critical thinking and lifelong learning skills.	3	3	3	3
8.	Takes part in social events.	5	5	5	5
9.	Takes part in activities that will contribute to professional development.	5	5	5	5
10.	Acts respectfully and be tolerant of human rights in nursing practices.				
11.	Considers cultural differences in nursing practices.				

**Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent**