

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
<b>Diabetic Nursing</b>	HEM232	4.Semester/ Fall	2	0	0	4
Prerequisites	None					
Language of Instruction	Turkish					
Course Type	Elective					
Learning and teaching techniques of the Course	Lecture, Discussion, Question & Answer, Brainstorming, Other.					
Instructor(s)						
Goal	The aim of this course is to provide students with knowledge and practice skills regarding the development and protection of the health of the individual/family with diabetes, medical treatment/care and rehabilitation processes in health problems related to the disease.					
Learning Outcomes	1. Explains the physiopathology of diabetes. 2. Counts the signs and symptoms of diabetes. 3. Explains the diagnostic criteria of diabetes. 4. Explains the individualized nursing care of the individual with diabetes and plans the patient education. 5. It helps individuals with diabetes to manage their treatment plan. 6. Defines acute and chronic complications that may occur in individuals with diabetes.					
Course content	Glucose metabolism and glucose transport, physiological effects of insulin, carbohydrate, fat and protein metabolism disorders in diabetes, diabetes history and epidemiology, classification and diagnostic criteria, nutrition and exercise, insulin therapy, oral antidiabetic therapy, acute and chronic complications, foot problems and foot care Nursing care plan and patient education of the diabetic patient					
References	1. Büyükgeliz A, Diyabet Hakkında ,Bilmek İstedikleriniz,2010 2. Çetinkalp,Ş., Endokrinoloji,2017 Diyabet Hemşireliği Derneği. <a href="http://www.tdh.org">www.tdh.org</a> 3. Dinçağ N. ed. *Diyabet El Kitabı, Tor Ofset San. ve Tic. Ltd. Şti. İstanbul, 2013. 4. Erdogan S, Özcan Ş, et al. Diyabet Hemsireliği Temel Bilgiler, Ed. S. Erdogan, Yüce Yayıncıları, İstanbul, 2002. 5. Funnel M, Ozcan S, et al. International Standards for Diabetes Education, EOS Ajans, İstanbul, 2009. 6. Güneyman,Ş., Bir Diyabetlidен Bir Diyabetliye 250 Küçük Öneri,Gürer Yayıncıları; 1. Baskı,2017 International Diabetes Federation. Diabetes Atlas. 2015. 7. İmamoğlu Ş, Satman İ, Akalın S, Salman S, Yılmaz C.(ed.),Geçmişten Geleceğe Diabetes Mellitus, Türkiye Endokrinoloji ve Metabolizma Derneği, Pelin Ofset Matbaacılık, Ankara, 2015. 8. Satman İ, İmamoğlu Ş, Yılmaz C ve ark., Diabetes Mellitus ve Komplikasyonlarının Tanı, Tedavi ve İzlem Kılavuzu, Türkiye Endokrinoloji ve Metabolizma Derneği, Miki Matbaacılık San. ve Tic. Ltd. Şti. Ankara, 2016 9. Ulusal Diyabet Konsensus Grubu,Diyabet Tanı ve Tedavi Rehberi,Türkiye Diyabet Vakfı,2019 Yılmaz, C., Vakalarla Diyabet, Geliştirilmiş ve Güncellenmiş 4.Baskı. 2018 10. TEMD Diabetes Mellitus ve Komplikasyonlarının Tanı, Tedavi Ve İzlem Kılavuzu-2015					

#### Course outline weekly:

Weeks	TOPICS
1. Week	Physiopathology of diabetes
2. Week	Physiopathology of diabetes
3. Week	Disorders of carbohydrate, fat and protein metabolism in diabetes
4. Week	Diabetes history and epidemiology
5. Week	Diabetes classification and diagnostic criteria
6. Week	Diabetes and nutrition, Diabetes and exercise
7. Week	Insulin therapy in diabetes
8. Week	<b>MIDTERM</b>
9. Week	Oral antidiabetic therapy in diabetes
10. Week	Acute and chronic complications of diabetes
11. Week	Foot problems and foot care in diabetes
12. Week	Care and education in diabetes
13. Week	Nursing care plan for diabetic patients
14. Week	Nursing care plan for diabetic patients
15. Week	<b>AN OVERVIEW</b>

**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	2	28
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)	1	8	8
Seminars			
Project	3	2	6
Case study			
Quiz			
Role playing, Dramatization	1	10	10
Writing articles, Critique			
Time to Prepare for Midterm Exam	2	7	14
Final Exam Preparation Time	1	8	8
<b>Total Work Load ( hour) / 25(s)</b>			<b>102/25=4,08</b>
<b>ECTS</b>			<b>4</b>

**Evaluation System**

Mid-Term Studies	Number	Contribution
Midterm exams	1	%40
Quiz		
Laboratory		
Practice		
Field Study/clinic		
Homework		
Course Internship (If There Is)		
Presentation and Seminar		
Project		
Other evaluation methods		
<b>Contribution of Midterm Studies to Success Grade</b>	1	<b>%40</b>
End of Semester Studies		
Final	1	%60
Homework's		
Practice		
Laboratory		
<b>Semester Sum of Studies</b>	1	<b>%60</b>
<b>TOTAL</b>	2	<b>%100</b>

**The Relationship Between Learning Outcomes and the Program Outcomes of the Courses**

Course Learning Outcomes	Program Outcomes													
	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	PC 14
1 Explain the physiology of diabetes.	5	4							3		3	4		3
2 Defines the physiopathological processes of diabetes.	5	4							3		3	4		3
2 Counts the signs and symptoms of diabetes.	5	5			5				5		5	5		3
3 Explain the diagnostic criteria of diabetes.	5	5			5				5		5	5		3
4 Implements the individualized nursing care of the diabetic individual and trains the patient.	5	5	5		5		5	5	5	5	5	4		3
5 It helps people with diabetes manage their treatment plan.	5	5	5		5		5	5	5	5	5	4		3
6 Defines acute and chronic complications that may occur in individuals with diabetes.	5	4	3		5		5	5	5	5	5	5		3
<b>Contribution to the level of proficiency:</b> 1: Lowest, 2: Low/Medium, 3: Average, 4: High, 5: Excellent														

## **SANKO University Faculty Of Health Sciences Deparent Of Nursing Program Outcomes**

1. Have the knowledge and skills to fulfill their professional roles and functions.
2. Performs, evaluates and records nursing practices toward professional principles and standards.
3. Practice the health care needs of the individual, family and society with a holistic approach, toward the nursing process.
4. Communicates effectively with the individual, family, community and health team members.
5. Performs professional practices toward current scientific data by using information and maintenance technologies.
6. Have a foreign language profeciency to reach scientific information and communicate effectively.
7. Behaves in accordance with professional, cultural and ethical values in nursing practices.
8. Considers the relevant laws, regulations and legislation in nursing practices.
9. Uses the learning-teaching process in nursing practices.
10. Uses the management process in nursing practice.
11. Uses lifelong learning and career planning skills to contribute to professional development.
12. Uses problem solving and critical thinking skills to contribute to professional development.
13. With the awareness of social responsibility, takes part in research, projects and activities in cooperation with the health team and other disciplines.
14. Contributes to the provision and development of safe and quality health care.