

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	Ability to provide the nursing care needed by individuals with diabetes					
Learning Outcomes	1. Explain the physiology of diabetes and glucose metabolism. 2. Can define the signs and symptoms of diabetes and physiopathological processes. 3. Explains the diagnostic criteria of diabetes. 4. To be able to apply individualized nursing care of patients with diabetes and to train patients. 5. It can help the diabetic to manage the treatment plan. 6. Will be able to define acute and chronic complications that may occur in diabetics.					
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. Büyükgelib A, Diyabet Hakkında ,Bilmek İstedikleriniz,2010 2. Çetinkalp,Ş., Endokrinoloji,2017 Diyabet Hemşireliği Derneği. <a href="http://www.tdhd.org">www.tdhd.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 Diyabetlidenden Bir Diyabetliye 250 Küçük Öneri,Gürer Yayınları; 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 Klavuzu, 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	Glucose metabolism and glucose transport
2. Week	Physiologic Effects of Insulin
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	Managing nursing Problems in Diabetes, Case Studies
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	3	42
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project	3	2	6
Case study			
Quiz			
Role playing, Dramatization			
Writing articles, Critique			
Time to Prepare for Midterm Exam	1	7	7
Final Exam Preparation Time	1	8	8
<b>Total Work Load ( hour) / 25(s)</b>			<b>91/25=3.64</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>	<b>1</b>	<b>%40</b>
End of Semester Studies		
Final	1	%60
Homework's		
Practice		
Laboratory		
<b>Semester Sum of Studies</b>	<b>1</b>	<b>%60</b>
<b>TOTAL</b>	<b>2</b>	<b>%100</b>

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

Program Qualifications	Learning outcomes					
	L.Q.1	L.Q.2	L.Q.3	L.Q.4	L.Q.5	L.Q.6
1. Have the knowledge and skills to fulfill their professional roles and functions.	5	5	5	5	5	5
2. Performs, evaluates and records nursing practices toward professional principles and standards.				5	5	
3. Practice the health care needs of the individual, family and society with a holistic approach, toward the nursing process.				4	4	
4. Communicates effectively with the individual, family, community and health team members.				4	4	
5. Performs professional practices toward current scientific data by using information and maintenance technologies.				3		
6. Have a foreign language proficiency 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 and management process in nursing practices.					5	
10. Uses lifelong learning, problem solving, critical thinking and career planning skills to contribute to professional development.						
11. With the awareness of social responsibility, takes part in research, projects and activities in cooperation with the health team and other disciplines.						
12. Contributes to the provision and development of safe and quality health care.						3

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