



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Diet Therapy in Diseases II							
Course Code		BDB304		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	6	Workload	144 ( <i>Hours</i> )	Theory	2	Practice	4	Laboratory	0
Objectives of the Course		To teach the definitions, etiologies, complications, symptoms, and medical nutrition therapy of liver diseases, alcoholism, gallbladder and pancreas diseases, renal diseases, neurological and psychiatric diseases, infections, musculoskeletal system diseases and gout,pulmonary diseases, AIDS, cancer, allergy, nutrient-drug interactions, pre-post operative nutrition, metabolic stress and nutrition diagnostic test diets							
Course Content		Infectious Diseases, AIDS, Cancer and Nutrition , Renal Diseases and Nutrition, Liver diseases and Nutrition, gallbladder and pancreas diseases and Nutrition, Burn, Pre and Post Operative Term, metabolic stress and Nutrition, Diagnostic Test Diets, Food and Drug Interactions, infections and Nutrition, AIDS and Nutrition, Allergy and nutrition, Neurological and Psychiatric Disorders, Musculoskeletal System Diseases , Gout and Nutrition, Pulmonary diseases and Nutrition.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

### Prerequisites & Co-requisites

Prerequisite	BDB303
--------------	--------

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	45
Practice	1	35

### Recommended or Required Reading

1	Baysal, A., Aksoy, M., Besler, T., Bozkurt, N., Keçecioğlu, S., Mercanligil, S., Merdol-Kutluay, T., Pekcan, G., Yıldız, E. (2011). Diyet El Kitabı (6.Baskı). Ankara: Hatiboğlu Yayınevi
2	Uluslararası Beslenme ve Diyet Dergileri (Euro. J. Clin. Nutr. JADA, Am J ClinNutr vb.)

Week	Weekly Detailed Course Contents	
1	Theoretical	Infectious Diseases, AIDS and Nutrition
	Practice	Medical Nutrition Therapy Practices in Infectious Diseases, AIDS
2	Theoretical	Cancer and Nutrition
	Practice	Medical Nutrition Therapy Practices in Cancer
3	Theoretical	Musculoskeletal system diseases, Gout and Nutrition
	Practice	Medical Nutrition Therapy Practices in Musculoskeletal system diseases, Gout
4	Theoretical	Renal Diseases and Nutrition
	Practice	Medical Nutrition Therapy Practices in Renal Diseases
5	Theoretical	Renal Diseases and Nutrition
	Practice	Medical Nutrition Therapy Practices in Renal Diseases



6	Theoretical	Renal Diseases and Nutrition
	Practice	Medical Nutrition Therapy Practices in Renal Diseases
7	Theoretical	Liver diseases and Nutrition I
	Practice	Medical Nutrition Therapy Practices in Liver diseases
8	Intermediate Exam	Midterm Exam
9	Theoretical	Liver diseases and Nutrition II
	Practice	Medical Nutrition Therapy Practices in Liver diseases
10	Theoretical	Burn, Preoperative And Post Operative Term, metabolic stress and nutrition
	Practice	Medical Nutrition Therapy Practices in Burn, Preoperative And Post Operative Term, metabolic stress
11	Theoretical	Test Diets, Food and Drug Interactions, Allergies and Nutrition
	Practice	Medical Nutrition Therapy Practices in Test Diets, Food and Drug Interactions, Allergies
12	Theoretical	Neurological and Psychiatric Disorders and Nutrition
	Practice	Medical Nutrition Therapy Practices in Neurological and Psychiatric Disorders
13	Theoretical	Pulmonary Diseases and Nutrition
	Practice	Medical Nutrition Therapy Practices in Pulmonary Diseases
14	Practice	Practice Exam
15	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1.5	2	45.5
Lecture - Practice	13	1	4	65
Practice Examination	1	10	1	11
Midterm Examination	1	10	1	11
Final Examination	1	10	2	12
Total Workload (Hours)				144
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Comprehend the interactions of etiology, symptoms and complications of acute /chronic diseases and nutrition in adults
2	Learn medical nutrition therapy methods of acute /chronic diseases.
3	Learn the efficiency of nutrition in prevention of acute /chronic diseases.
4	Gain the skill of development, apply and follow of individual medical nutrition therapy program in patients with acute /chronic diseases.
5	Gain the skill of assessment of nutritional status and educating about nutrition

### Programme Outcomes (Nutrition and Dietetics)

1	Assess, apply and evaluate the accuracy, reliability and validity of basic knowledge and evidence based current scientific developments on nutrition and dietetics.
2	Assess scientifically the energy and nutrients need of individuals and develop nutrition plans and programs for the clients according to the principles of adequate and balanced nutrition and assessment of energy and nutrient requirements
3	Develop food and nutrition plans and policies for the prevention and promotion of healthy lifestyle applying the methods of nutritional assessment for the population.
4	Assess the nutritional status of the patients, evaluate the clinical symptoms, plan and apply individualized medical nutrition therapy for the patients.



5	Evaluate the factors affecting the quality of food consumed by the individuals and populations from production to consumption and implement the legal standards and legislations on food safety and food security.
6	Consider, interpret and apply the basic scientific knowledge on nutrition and dietetics especially have skills on critical thinking, problem solving and decision making and use effectively the appropriate current technologies and computer, demonstrate skills in preparing research manuscripts, project proposals, collecting and verifying data and writing report.
7	Assess, evaluate and interpret the nutritional status of the individuals and population groups using current knowledge, develop preventive measures, apply medical nutrition therapy, demonstrate active participation, teamwork and contributions with national and international stakeholders in health and social areas, in terms of ethical principles.
8	Plan menus in the institutional food service systems depending on the energy and nutrient requirements of target groups in the scope of nutrition and dietetic principles, take care of food safety in all settings from purchase of food to service, apply appropriate service using technological developments.
9	Develop and use effective strategies for the education, counseling and encouragement of individuals and population groups to facilitate behavior change and choose healthy and safety foods, prepare and update the related educational materials.
10	Apply laboratory work on product development, food analysis and related factors effecting food quality and interpret the results and evaluate them according to the legal arrangements.
11	Plan, manage, evaluate, monitor and report researches and programs to educate and increase and improve the knowledge and awareness of individuals and population groups on healthy nutrition during all lifecycle period, and lead such activities, support and take role in the preparation and implementation of national and international food and nutrition plans and policies.
12	Work and perform duties in the scope of occupational responsibilities and ethical principles, understand the importance of lifelong learning, follow the latest developments (innovations) in science, technology and health, demonstrate professional attributes for the enhancement of nutrition and dietetics profession.
13	Use, apply, discuss and share scientific and evidence based knowledge in nutrition and dietetics practice with team and team members, develop and demonstrate effective skills using oral, print, visual methods in communicating and expressing thoughts and ideas, communicate with all stakeholders within ethical principles. Develop and demonstrate effective communications skills using oral, print, visual, electronic and mass media methods
14	Plan, apply, monitor and evaluate individualized medical nutrition therapy within interdisciplinary approaches, considering the sociocultural, economical status of patients in various age groups and also contribute to clinical researches.

**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	5	4	3	4
P2	5	2	3	4	5
P3	4	3	5	5	4
P4	5	4	5	5	4
P5	3	4	3	2	4
P6	3	2	3	3	5
P7	5	5	4	2	5
P8	4	3	5	5	3
P9	4	5	4	4	2
P10	5	4	5	2	5
P11	5	5	3	3	2
P12	4	4	3	2	4
P13	5	4	5	4	5
P14	4	3	4	2	5

