



Course Syllabus Medical Nutrition Therapy 2

Faculty: Medicine and Health sciences

Department: Health Sciences

Program: Bachelor in Clinical Nutrition and Dietetic

I. General information about the course instructor :							
Name	Dr. Mansour Mohammed Abdullah Ghaleb	Office Hours(3 Hours Weekly)					
Location & phone number	00967770072719	Sat	Sun	Mon	Tue	Wed	Thu
Email	mansourghalib@yahoo.co.in	√					

II. General information about the course :						
1.	Course Title:	Medical Nutrition Therapy 2				
2.	Course Code and Number :	BND472				
3.	Credit Hours	Lecture	Seminar/Tutorial	Practical	Training	Total
		3				3
4.	Study Level and Semester:	4th year/ 1 st semester				
5.	Pre-requisites :	BND234				
6.	Co-requisites :	None				
7.	Program in which the course is offered	Bachelor in Clinical Nutrition and Dietetic				
8.	Teaching Language:	English				
9.	Instruction location:	University of Science and Technology, Sana'a, Yemen				

III. Course Description	
<p>This course provides students with basic knowledge skills about prevention and nutritional treatment of certain medical conditions such as obesity, diabetes mellitus and cardiovascular, liver , kidney and cancer disease will be illustrate to forms the foundation of effective practice to correct nutritional insufficiencies; promote optimal health; through different teaching strategies to support/improve quality of life. The students will be evaluated through report, written exam and assignments. Principles of human nutrition is a prerequisite course.</p>	



عميد الكلية:
د. عبدالله المخلافي

رئيس القسم:
د. عبد الحبيب ردمان

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المراجع:
د. صادق الشراجي
د. مجاهد نصار

الموصف:
د. منصور غالب

IV. Course Aims: This course is aimed to:

1. Provide the student the knowledge to recognize the relationship between food, nutrition and diet therapy.
 2. Enable student to explore the nutritional problems that are caused by specific diseases
 3. Learn students to plan/apply the nutritional treatment according to individual case study.
 4. Provide student the skills to assess/evaluate appropriate nutritional care or diet therapy for the patients.
 5. Enable student to discuss/ negotiate appropriate nutritional management.
- Make the students able to describe nutritional care based on patient medical history

V. Course Intended Learning Outcomes (CILOs) :

1. Recognize the importance and relationship between food nutrition and diet therapy.
2. Describe the nutrition problems that are caused by specific diseases.
3. Analyze appropriate nutritional care or diet therapy for the patients.
4. Categorize nutritional treatment according to individual case study.
5. Assess appropriate nutritional care process of the patients where nutrition care can be delivered.
6. Apply nutritional care based on patient medical history, etiologies, signs and symptoms.
7. Communicate actively with other staff members as well as the employees and students.
8. Cooperate with patient to explore the nutritional problems that are caused by specific disease.

VI. Course Contents

Theoretical Aspect:

No.	Course Topics/Units	Sub-topics	No. of Weeks	Contact Hours
1	Overview course of content Diet in Obesity and Underweight	Obesity Assessment Obesity - Grades - I, II and III Areas of Adipose Fat Distribution Dietary Modification and Exercise Pattern Behavior Modification Effects of Obesity Underweight	1 st	3
2	Diet in Diabetes Mellitus	Diabetes Mellitus Types Predisposing Factors and Symptoms Altered Metabolism of Carbohydrate Protein and Fat Diagnostic Tests Dietary Management Complications of Diabetes Mellitus Patient Education	2 nd , 3 rd	6
3	Diet in Diseases of	Functions of the Heart Prevalence and Risk Factors	4 th , 5 th	6

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	the Cardiovascular System	Blood Lipids - Understanding Your Lipid Profile Role of Fat in the Development of Atherosclerosis Dietary Management - Low Fat Diet Hypertension Classification of Hypertension Dietary Management Sodium Restricted Diets		
4		Med Exam	6 th	3
5	Diet in Diseases of Liver Gallbladder and pancreatitis diseases	Functions of Liver Agents Which Cause Damage to the Liver Jaundice – Symptom of Liver Disorders Infective Hepatitis – Symptoms and Dietary Management Dietary Management in Cirrhosis of Liver Gallbladder and pancreatitis Cholecystitis and Cholelithiasis - Dietary Management	7 th ,8 th ,9 th	9
6	Diet in Kidney Disorders	Functions of Kidney Glomerulonephritis – Clinical Symptoms and Dietary Modification Nephritic Syndrome – Clinical Symptoms and Dietary Modification Renal Failure – Acute and Chronic Dietary Management in Urinary Calculi – Urolithiasis Dietary Guidelines in Dialysis and Kidney Transplant	10 th ,11 th ,12 th	9
7	Cancer	Define cancer Type of cancer Causes, symptoms Dietary treatment	13 th ,14 th	6
8		Final Exam	15 th	3
Total number of weeks and hours			15	45

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