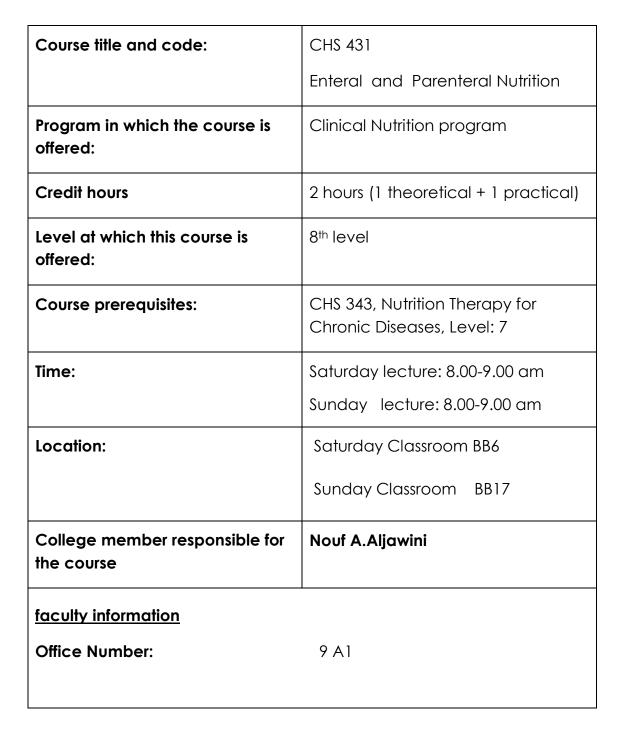
King Saud University

College of Applied Medical Sciences

Department of Community Health Sciences

Second Semester 1432-1433





Phone :	Office: Tel #: 4355010 ex. 131
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Office hours:	Saturday - Sunday (10am -12pm)

Course Description:

Study of the enteral and parenteral nutrition taking into consideration the nutritional requirements of patients and the conditions that might affect these requirements.

Course Objective:

At the end of the course the students should be able to:

- ✓ Identify and manage patients in need of nutritional support.
- ✓ Choose the suitable enteral formulations for different conditions.
- Calculate the nutritional requirements and feeding rate for different conditions.
- ✓ Identify and treat complications of enteral and parenteral feeding.

Grading Information

First Midterm (15 Marks)

Second Midterm (15 Marks)

Quiz (5 Marks) Practical (25 Marks)

Final Exam (40 Marks)

Letter grades for the course will be as follows:

A = 90-94% A+ = 95-100%

B = 80-84% B+ = 85-89%

C= 70-74% C+ = 75-79%

D = 60-64% D+ = 65-69%

F = less than 60%

List of Topics		Date	Contact hours		
1st week	<u>Syllabus</u>	28/1/2012	1		
		29/1/2012			
2nd week	Enteral Nutrition for AdultsIntroductionIndications & Contraindications	4/2/2012 5/2/2012	1		
	 Advantages of Enteral Feeding vs. Parenteral Feeding Different Methods of Administration (indications, advantages, & disadvantages). 				
3rd	 Formula Classification System 	11/2/2012			
week	Delivery Methods	12/2/2012	1		
4 th week	 Medication administration Monitoring Parameters Transitional Feedings Formula Composition Osmolality 	18/2/2012 19/2/2012	1		
	the Use of Oral Nutrition Supplements				
	Quiz 1				
	Wednesday 22/12/2012				
Time: 11a.m					
5th week	EN Complications	25/2/2012 26/2/2012	1		
First Midterm Exam Wednesday 29/2/2012 Time 11 am					

6th week	EN Complications (Mechanical, Infectious, Gastrointestinal)	3/3/2012 4/3/2012	1		
7th week	EN Complications (Gastrointestinal, Metabolic)	10/3/2012	1		
8th week	 Parenteral Nutrition History of TPN Definition, objectives, indications, contraindications. Osmolarity, Components of PN Formulas, Micronutrients, Macronutrients. 	17/3/2012 18/3/2012	1		
Spring Break					
9th week	 Methods of Administration Contraindications to PPN Monitoring Guidelines Types of Infusion Calculation of NPC:N Ratio 	31/3/2012	1		
10th week	Parenteral NutritionSepsis and InfectionWound Healing	7/4/2012 8/4/2012	1		
	Quiz 1				
Wednesday 11/4/2012 Time: 11a.m					
11th week	Nutrition Support of Specific State Inflammatory Bowel Disease Renal Disease	14/4/2012 15/4/2012	1		

	Liver Disease				
12th week	Nutrition Support of Specific States Cancer	21/4/2012 22/4/2012	1		
Second Midterm Exam Wednesday 25/4/2012 Time 11 am					
13th week	Nutrition Support of Specific States Cancer Diabetes/Glucose Intolerance Immune Enhancing Diets Pulmonary Failure /ARDS Parenteral Versus Enteral Feeding in critical	28/4/2012 29/4/2012	1		
14th week	Revision	5/5/2012 6/5/2012	1		

Text Books:

- -The A.S.P.E.N Nutrition Support Practice Manual 2nd Edition. American Society for Parenteral and Enteral Nutrition.
- -Charney, P., Malone, A. (2006) ADA Pocket Guide to Enteral Nutrition. American Dietetic Association.
- -Charney, P., Malone, A. (2007) ADA Pocket Guide to Parenteral Nutrition. American Dietetic Association

Rules and Regulations:

Attendance:

Students will be expected to attend all scheduled classes.

Attitude:

Students will be expected to have a positive attitude.

Lectures rules and regulations:

- Turn your cell phone off or keep it in.
- All cell phones and tablets must be it in your bag.
- Arrive on time.

Exams and Quizzes:

- ❖ All exams and Quizzes will be in the planned date.
- ❖ No repetition of the quizzes for any excuse.
- No repetition of midterms unless the approval of the exam committee.