

The Hashemite University
Faculty of Allied Health Sciences
Department of Clinical Nutrition and Dietetics
Course Syllabus

Course title: Medical Nutritional Therapy-2
Course No.: 140502447

Instructors: Dr. Narmeen J. Al-wwad
Lecture Time: 13-16 (Thr.)

Course description:

A comparative view of nutrition as it relates to the treatment of disease. Emphasis will be placed on, methods of nutrition support, food and drug interactions, and applications of nutrition interventions for: diseases of the hematological system, diseases of the musculoskeletal system, diseases and disorders of the neurological system, neoplastic disease, diseases of the respiratory system, adverse reactions to food, and metabolic stress.

Course objectives:

- To understand pathophysiology, abnormal biochemistry, and altered nutrient metabolism in various disease states.
- To use appropriate medical terminology.
- To know and be able to discuss the principles of nutrition screening, assessment, and medical nutrition therapy for various disease states.
- To be able to locate and use evidence-based guidelines and protocols for the diseases of interest.
- To develop nutrition care plans for individuals with various disease states.

Required readings:

- Nelms, MN, Sucher, KP, Lacey, K, Roth, SL. 2016. **Nutrition Therapy and Pathophysiology**, 3rd Edition. Wadsworth.
- Nelms, M., Sucher, K , Lacey, K and Roth, S. (2020). **Nutrition Therapy and Pathophysiology** , 4th Edition. Australia: Wadsworth, Cengage learning.
- Mahan, K.L and Escott-Stump, S. 2017. **Krause's Food and the Nutrition Care Process**, 14th edition, W.B. Saunders Company.

Teaching tools:

- Lecture presentations
- Handouts
- Worksheets
- Case studies

Course assessment:

First exam	30%
Second exam	30%
Final Exam	40%

TOTAL **100%**

Policy:

- Students are encouraged to prepare for class, using the scheduled outline: your understanding in class will be greatly enhanced if you are familiar with the information ahead of time.
- Students missing any class time are responsible for obtaining all information, including assignments and schedule changes.
- Student misses more than **15%** of total lectures will be deprived from the final exam.
- There will be **NO** make-up exams except in cases of emergency.
- Assignments and projects will **NOT** be accepted after they are due!
- All students should have the same opportunity to learn. There will be **NO** tolerance for any disrespect towards other students, the subject, or the instructor, otherwise, the misbehaved student will be asked to leave the classroom.
- All cellphones are to be set to an inaudible tone for the duration of the class.

Tentative course outline:

No.	Week	Topic	Chapter number
1	1	Methods of Nutrition Support	5
2	2-3	Food-Drug Interaction	11
3	4-5	Metabolic Stress	22
		<i>First Exam: Thursday 5/11/2020</i>	
4	6-7	Cancer	23
5	8	Adverse Reactions to Food or Metabolic Disorders or Anemia	26 19
6	9-10	Pulmonary Disease	21
		<i>Second Exam: Thursday 17/12/2020</i>	
7	11-12	Neurological Disorders	20
8	13	Rheumatic Disease	25
9	14	Bone Health	25



Good Luck!