The Hashemite University
Faculty of Allied Heath Sciences
Department of Clinical Nutrition and Dietetics
Course Syllabus: Medical Nutrition Therapy (2) / Practical part

Course description:

Topics which will be studied in this course are specified in how diet can intervene to treat some cases particularly Metabolic Stress and Trauma, Brain Injury, Cystic Fibrosis, COPD, Rheumatoid Arthritis, Stroke, and different Cancer cases. In addition, Drug-Nutrient Interaction will be discussed in details especially for elderly.

Teaching tools:

Case studies, Lecture presentations, Groups discussion, Classroom and online activities, Handouts, and Worksheets.

Laboratory activities:

The lab will account for 100%, and your grades will be based on your lab exams, case studies discussion, and an assignment. The students during the semester will be asked to discuss a case study for one of the topics that listed below, the discussion will be in groups and the time will be announced.

Tentative schedule of laboratory activities:

Case	Topic
1	Ulcer Disease: Medical and Surgical Treatment
2	Polypharmacy of the Elderly: Drug-Nutrient Interaction
3	Metabolic Stress and Trauma
4	Traumatic Brain Injury: Metabolic Stress and Nutrition Support
5	Lymphoma Treated with Chemotherapy
6	Esophageal Cancer Treated with surgery and Radiation
7	Cystic Fibrosis
8	Chronic Obstructive Pulmonary Disease
9	Stroke
10	Rheumatoid Arthritis

The Selected Case Studies Will Be From:

- Nelms, M.N and Anderson, S.L. 2018, **Medical Nutrition Therapy**. 5th Ed., Canada: Thomson/Wadsworth.
- Nelms, M.N, Sucher, K . and Lacey, K. 2018, **Nutrition Therapy and Pathophysiology**. 5th Ed., USA: Boston/ Cengage Learning.
- Billon, H., 2016, **Clinical Nutrition Case Studies**, 6th Ed., Wadsworth.

Laboratory assessment: Grads will be based on the following percentages:

Presentations	15%	will be announced
Assignment	05 %	will be announced
Mid-Term Exam	30%	
Final Exam	50%	**Good Luck**