

DIE6241 Section 04BC
ADVANCED MEDICAL NUTRITION THERAPY 1
SPRING 2017

Instructor: Wendy Dahl PhD RD
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Office hours: Tuesday 1:00-3:00 p.m. and Wednesday 3:00-5:00 p.m. or by appointment.

Guest Faculty: Anne Mathews PhD RD
Office: 227 FSHN
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Class Meeting Time: Monday 9:35-11:30 a.m.; Wednesday 12:50-2:45 p.m.
Class Location: Dietetics Lab – Building 162
Attendance: Required
Credits: 3

Course Description

Part 1 of a two-semester course designed to provide students enrolled in the combined Master of Science - Dietetic Internship Program with the opportunity to integrate the theories and principles of medical nutrition therapy into clinical practice. Case studies will be used to help students integrate and apply their knowledge of nutrition, dietetics, metabolism and physiology, with the ultimate goal of producing students who can effectively plan and manage the nutritional care of a variety of patients using a critical thinking approach to evidence-based medical/nutrition therapy. Topics include: critical thinking, the nutrition care process, standardized language and documentation, assessment, interviewing, evidence-based medical nutrition therapy, diabetes and kidney disease, as well as confidentiality of medical records. As an adjunct to this course, students will complete 25 hours of practicum that count toward clinical clock hours required for the Dietetic Internship.

Course Goals/Competencies

The objectives of this course require students to:

- relate the theoretical bases for nutrition/medical intervention strategies with the anatomical, physiological and/or biochemical changes of selected diseases/conditions
- integrate the theories and principles of medical nutrition therapy into clinical practice
- use critical thinking skills to evaluate social, anthropometric, nutritional, medical, laboratory, pharmacologic and other relevant patient data/information for all assigned case studies and care plans and recommend appropriate intervention strategies
- develop and justify appropriate recommendations for the management of patients with selected diseases/conditions
- understand and use medical terminology and appropriate documentation styles to communicate patient status with other health care professionals

- develop skills in using medical reference materials, including evidence-based medicine/analysis databases, and begin to build a professional library
- learn and practice the process of providing nutritional care
- develop and practice problem solving skills
- develop professional work ethics
- learn to give and receive constructive criticism
- learn to appreciate different views on practice and develop a desire for acquiring accurate and complete information

Required Materials:

- Nelms M, Sucher KP & Lacey K. Nutrition Therapy and Pathophysiology 3rd Ed. Cengage Learning. 2016 or comparable textbook
- eNCPT (www.eatright.org)
- Medical Nutrition Reference Handbook (i.e., “black book”): self-developed record of information to be used in clinical practice or other resource with equivalent information that fits in the coat pocket of a lab coat.
- Journal readings from nutrition/nutrition-practice journals (i.e., JPEN, JAND, JN, AJCN, etc.)
- Access to member only section of AND Web site (www.eatright.org), ADA Evidence Analysis Library (EAL) (<http://www.adaevidencelibrary.com/default.cfm?auth=1>).

Recommended Materials/Online access:

- Diet Manual
- Medical Dictionary
- Medical Abbreviations/Terminology
- Laboratory Values
- Food Composition
- Pharmacology

Student Preparation for Class: Class preparation will require use of the Internet, library and other reference materials. As graduate students, you are expected to demonstrate personal responsibility for learning new material and reviewing material considered to be part of the foundation knowledge of an undergraduate dietetics curriculum. You will be expected to review your undergraduate material and read assigned material before coming to class.

Class Attendance and Demeanor: Students are expected to attend all class sessions, arrive on time and be present for the entire class. Twenty points will be subtracted from your total points for each class you do not attend for the full class period. An excused absence is at the discretion of the instructor. An excused absence is any unavoidable, unplanned situation such as an illness, death in the family, or car accident. Proof of illness is required (e.g. note from physician or clinic; vague notes such as “was seen” are not acceptable), death (e.g. obituary), accident (e.g. police report), etc. Please notify the instructor about your situation as soon as possible, leaving a message if necessary (by text message, email or voice mail). Students are expected to show courtesy to their classmates, instructors and guest speakers by silencing cell phones before the class begins and refraining from engaging in personal conversations during class.

STUDENT EVALUATION:

Assignments: A description of each assignment will be distributed through Canvas. All assignments must be submitted as an electronic copy unless otherwise indicated. All assignments must be submitted by the end of the day they are due unless noted otherwise. Assignments submitted after that will be penalized 5 points per day. All assignments must be submitted, even if late.

Final Exam: The final examination will include one or more case studies. You will be expected to interpret medical terminology, abbreviations and laboratory values; assess the patient; make appropriate nutrition recommendations; relate the patient's condition/status to the underlying pathophysiology; and document your assessment and plan. You will be permitted to use your "black book".

Grading System: Students receiving a grade less than a B (points) will not be allowed to advance to the full-time component of the Dietetic Internship, which starts in January 2018. Due to the practical nature of this course and the problem solving/critical thinking skills developed through class activities and discussions, class attendance and participation are required.

Performance Indicators	Points
Hot topic contributions (5 @ 5 pts)	25
PEN Evidence Analysis	50
Case Study Presentation	25
Assessment Workshop (peer-assessed)	25
Debate	25
Counseling Assignments – Dr. Mathews (2 @ 25 pts)	50
Evidence-Based Nutrition Presentations (2 @ 25 pts)	50
Diabetes Assignments (2 @ 25 pts)	50
Kidney Disease Assignments (2 @ 25 pts)	50
EDIS Draft	50
Final Exam	100
Total	500

Grading Scale

467-500	93.4-100%	A	367-382	73.4-76.4%	C
450-466	90-93.2%	A-	350-366	70-73.2%	C-
433-449	86.6-89.8%	B+	333-349	66.6-69.8%	D+
417-432	83.4-86.4%	B	316-332	63.2-66.4%	D
400-416	80- 83.2%	B-	300-315	60-63%	D-
383-399	76.6-79.8%	C+	<300	<60%	E

Grades are not curved and are not negotiable.

Supplementary Information: Assignments, assigned readings, announcements, reminders, etc. will be sent via a listserv email or posted on Canvas.

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Attendance and Make-Up Work

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open.

Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Academic Honesty

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

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Campus Helping Resources

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Students experiencing crises or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575
www.counseling.ufl.edu/cwc/
Counseling Services
Groups and Workshops
Outreach and Consultation
Self-Help Library
Wellness Coaching
- U Matter We Care, www.umatter.ufl.edu/
- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Other Information: Lecture material and information are the property of the University of Florida and the course instructor and may not be used for any commercial purpose. Students found in violation may be subject to disciplinary action under the University's Student Conduct Code.

Email: Students are required to check their email account(s) daily (Monday through Friday) and respond to course/program related requests, inquiries, etc. in a timely manner.

DIE6241 Spring 2017 – TENTATIVE CLASS SCHEDULE

Date	Time	Topic	Assignments Due
January 4	12:50-2:45	Course Introduction and Critical Thinking	
January 9	9:35-11:30	Evidence Analyses	
January 11	12:50-2:45	Evidence Analyses	
January 16	9:35-11:30	MLK Day – no class	
January 18	12:50-2:45	Nutrition Screening	
January 23	9:35-11:30	Assessment Workshop	Student Demos
January 25	12:50-2:45	Assessing Malnutrition – Nutrition-Focused Physical Exam	
January 30	9:35-11:30	Dietary Assessment	Student Demo
February 1	12:50-2:45	Laboratory Assessment - Acid-Base Balance	
February 6	9:35-11:30	Motivational Interviewing and Counseling - Dr. Mathews	
February 8	12:50-2:45	Motivational Interviewing and Counseling - Dr. Mathews	
February 13	9:35-11:30	Nutritional and Behavioral Interventions for Obesity and Diabetes - Dr. Mathews	
February 15	9:35-10:25	Diabetes Update – Part 1	
February 20	9:35-11:30	General Case Study Presentations (Fad Diets)	Student Presentations
February 22	9:35-10:25	General Case Study Presentations (Fad Diets)	Student Presentations
February 27	9:35-11:30	Diabetes Update – Part 2	Diabetes Assignment 1 Due
March 1	9:35-10:25	Hot Topics in Diabetes Management – Student Debate	Student Debate
March 6		Spring Break	
March 8		Spring Break	
March 13	9:35-11:30	Diabetes – EBN Presentations	Student Presentations
March 15	9:35-10:25	Diabetes – EBN Presentations	Student Presentations
March 20	9:35-11:30	Diabetes – In-class Case Studies	
March 22	9:35-10:25	Kidney Disease – Review and PEN	Diabetes Assignment 2 Due
March 27	9:35-11:30	Kidney Disease – EBN Presentations	
March 29	9:35-10:25	Kidney Disease – EBN Presentations	
April 3	9:35-11:30	Kidney Disease – MNT Hot Topic	Kidney Disease Assignment 1 Due

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April 5	9:35-10:25	No Class	
April 10	9:35-11:30	Kidney Disease – In-class Case Study	Kidney Disease Assignment 2 Due
April 12	9:35-10:25	Wrap up – Assignment review	PEN Assignment Due
April 17	9:35-11:30	No Class - Final Exam – Take home	EDIS Draft Due
April 19	9:35-10:25	No Class	Final Exam Due