

**DIE6241 Section 7559**  
**ADVANCED MEDICAL NUTRITION THERAPY 1**  
**SUMMER 2014**

**Instructor:** Wendy Dahl RD PhD  
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**Office hours:** Monday 2:00 p.m. to 4:00 p.m. and Wednesday 3:00 p.m. to 5:00 p.m.  
or by appointment. Please email me to arrange an appointment time.

**Guest Faculty:** Anne Mathews PhD RD  
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**Class Meeting Time:** Monday/Wednesday 9:30 a.m. - 12:15 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 mellitus, and kidney disease, as well as confidentiality of medical records and JCAHO regulations. 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, Long Roth S. Nutrition Therapy and Pathophysiology 2<sup>nd</sup> Ed. Thomson Brooks/Cole. 2011.
- American Dietetic Association. *International Dietetics & Nutrition Terminology (IDNT) Reference Manual: Standardized Language for the Nutrition Care Process*, 4<sup>th</sup> Edition, Chicago, IL: American Dietetic Association. This book or online version can be purchased from [www.eatright.org](http://www.eatright.org) (You will need to bring your copy or access to class).
- Medical Nutrition Reference Handbook (i.e., “black book”): self-developed pocket-sized 6-ring binder to record 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](http://www.eatright.org)), ADA Evidence Analysis Library (EAL) (<http://www.adaevidencelibrary.com/default.cfm?auth=1>).

**Recommended Materials:**

- Diet Manual
- Medical Dictionary
- Medical Abbreviations/Terminology Text or Website
- Laboratory Values Text or Website
- Food Composition Software
- Pharmacology Text
- Other Nutrition and Diet Therapy Texts

**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 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 period begins and refraining from engaging in personal conversations during class.

**STUDENT EVALUATION:**

**Assignments:** A description of each assignment will be distributed through Sakai. All assignments must be word processed and submitted as an electronic copy unless otherwise indicated. All assignments must be submitted by the beginning of the class period on 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 status of 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” for this part of the exam.

**Grading System:** Grades will not be curved. **Students receiving a grade less than a B (498 points) will not be allowed to advance to the full-time component of the Dietetic Internship, which starts in January 2015.** 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.

<b>Performance Indicators (Tentative)</b>	<b>Points</b>
Sakai Review Quizzes (5 at 10 pts)	50
Case Study Presentation ADIME Notes (3 @ 25 pts)	75
Case Study Oral Presentations (3 @ 25 pts)	75
Assessment Workshop (1 @ 50 pts)	50
Counseling Assignments (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
Patient Handout – EDIS Format	50
Exam	100
Dietetic Internship Assignments*	<u>P/F</u>
<b>Total</b>	<b>600</b>

\*The final course grade will not be assigned until all internship experiences and related assignments have been completed satisfactorily. Any internship assignments that are not completed satisfactorily will be returned for corrections.

### Grading Scale

A = 558-600	A- = 540-557	B+ = 522-539	B = 498-521
B- = 480-497	C+ = 462-479	C = 438-461	C- = 420-437
D+ = 402-419	D = 378-401	D- = 360-377	E < 360

**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 Sakai.

**Academic Honesty:** The University of Florida requires all members of its community to be honest in all endeavors. Cheating, plagiarism, and other acts diminish the process of learning. When students enroll at UF they commit themselves to honesty and integrity. Your instructor fully expects you to adhere to the academic honesty guidelines you signed when you were admitted to UF. As a result of completing the registration form at the University of Florida, every student has signed the following statement:

*"I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."*

Furthermore, on work submitted for credit by UF students, 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 to be assumed all work will be completed independently unless the assignment is defined as a group project, in writing by the professor. This policy will be vigorously upheld at all times in this course.

**Students with Disabilities Act:** The Dean of Students Office coordinates the needed accommodations of students with disabilities. This includes the registration of disabilities, academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services, and mediating faculty-student disability related issues. Dean of Students Office, 202 Peabody Hall, 392-7066. [www.dso.ufl.edu](http://www.dso.ufl.edu)

**Campus Helping Resources:** Students experiencing crisis or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. Both the Counseling Center and Student Mental Health provide confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career and academic goals, which interfere with their academic performance. The Counseling Center is located at 301 Peabody Hall (next to Criser Hall). Student Mental Health is located on the second floor of the Student Health Services in the Infirmary.

Service	Location	Phone	Services provided
University Counseling Center	301 Peabody Hall	392-1575	Personal and career counseling <a href="http://www.counsel.ufl.edu">www.counsel.ufl.edu</a>
Student Mental Health	Student Health Care Service	392-1171	Personal counseling <a href="http://www.hsc.ufl.edu/shcc/smhs.htm">www.hsc.ufl.edu/shcc/smhs.htm</a>
Sexual Assault Recovery Services (SARS)	Student Health Care Service	392-1161	Sexual assault counseling
Career Resource Center	Reitz Union	392-1601	Career development assistance and counseling

**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.

**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. Only students formally registered for the course are permitted to attend lectures and take quizzes/tests.

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

**DIE6241 Summer 2014 - TENTATIVE CLASS SCHEDULE\***

Date	Time	Topic	Readings/Review	Assignments Due
May 19 (M)	9:30-12:15	Course Syllabus Introduction to Critical Thinking		
May 21 (W)	9:30-12:15	Nutrition Care Process and Standardized Language Update	Nelms Chapter 2 INDT Reference Manual	
May 26 (M)	No class	Memorial Day		Sakai Review Quiz 1
May 28 (W)	9:30-12:15	Evidence Analysis	<a href="http://andevidencelibrary.com/topic.cfm?cat=4747">http://andevidencelibrary.com/topic.cfm?cat=4747</a>	
June 2 (M)	9:30-12:15	Current Issues in Nutrition Screening and Assessment	See Sakai	
June 4 (W)	9:30-12:15	Laboratory Assessment - Acid-Base Balance	Nelms Chapter 8 (also 7 if needed)	
June 9 (M)	9:30-12:15	Assessing Malnutrition – Current Topics	See Sakai	Sakai Review Quiz 2
June 11 (W)	<b>8:00-12:00</b>	Diabetes Workshop – Amy		
<b>June 13 (F)</b>	<b>8:00 – 3:00</b>	Assessment Workshop <ul style="list-style-type: none"> <li>• Subjective Global Assessment and Grip Strength</li> <li>• Sensewear Armband and PA Tracking</li> <li>• Nutrition-Related Physical Findings</li> <li>• BIA, Blood Pressure and Vital Signs</li> <li>• Indirect Calorimetry</li> <li>• Bod Pod, Height, Weight, Waist Circumference, Skin Fold Assessment</li> </ul>	See Sakai	Assessment Workshops

Wendy J. Dahl  
DIE 6241- Summer 2014

June 16 (M)	9:30-12:15	General Case Study Presentations (Fad Diets)		Sakai Review Quiz 3 Student Presentations
June 18 (W)	9:30-12:15	Diabetes Case Studies		
June 23 (M)	9:30-12:15	Break Week – No Class		
June 25 (W)	9:30-12:15	Break Week - No Class		
June 30 (M)	9:30-12:15	Motivational Interviewing and Counseling – Dr. Mathews		Sakai Review Quiz 4
July 1 (W)	9:30-12:15	Nutritional and Behavioral Interventions for Obesity and Diabetes – Dr. Mathews		
July 7 (M)	9:30-12:15	Diabetes – Evidence-based Presentations		Student Presentations
July 9 (W)	9:30-12:15	Diabetes – Current Issues	See Sakai	
July 14 (M)	TBA	FAND – Annual Conference		
July 16 (W)	TBA	FAND – Annual Conference		
July 21 (M)	9:30-12:15	Pre-Internship Diabetes Case Study Presentations		Sakai Review Quiz 5 Student Presentations
July 23 (W)	9:30-12:15	Kidney Disease – Review and Case Study		
July 28 (M)	9:30-12:15	Kidney Disease - Evidence-based Presentations		Student Presentations
July 30 (W)	9:30-12:15	Pre-Internship Kidney Disease Case Study Presentations		Student Presentations
Aug 5 (M)	9:30-12:15	Kidney Disease – Current Topics	See Sakai	Patient Handout Due
Aug 7 (W)	9:30-12:15	Final Exam		

Patient Confidentiality, Medical Errors, Medical Records and Documentation - TBA

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DIE 6241- Summer 2014