

**COURSE SYLLABUS: DIE6242 (section 2490)**  
**ADVANCED MEDICAL NUTRITION THERAPY II**  
**Fall 2016 (4 credits)**

Tuesday 12:50 p.m. – 2:45 p.m.

Thursday 12:50 p.m. – 2:45 p.m.

Dietetics Lab

**INSTRUCTOR:** Wendy J. Dahl PhD RD  
Room 207, FSHN Building

**OFFICE HOURS:** Walk in Tuesdays 3:00-5:00 p.m.; Thursdays 10:30 a.m.- 12:30 p.m. or by appointment.

**PHONE:** office: 294-3707 cell: 352-226-1773

**EMAIL:** wdahl@ufl.edu

**REQUIRED RESOURCE MATERIALS**

- Nelms M, Sucher KP & Lacey K. Nutrition Therapy and Pathophysiology 3<sup>rd</sup> Ed. Cengage Learning. 2016 or similar
- Diet manual access
- Medical nutrition reference handbook, “black book”. This is a pocket-sized reference for information to be used in clinical practice. It could be a self-made, purchased reference or electronic.
- Extensive outside readings assigned from journals including: JPEN, JAND, AJCN, JN, etc.

**RECOMMENDED RESOURCE MATERIALS**

- Medical dictionary
- Medical abbreviations
- Laboratory values
- Food composition
- Pharmacology text
- UF Reading and Writing Center

**COURSE DESCRIPTION**

Part II of a two-semester course designed to provide students enrolled in the Masters/Dietetic Internship Program with the opportunity to use critical thinking skills and integrate the theories and principles of medical nutrition therapy into clinical practice. Case studies and an evidence-based medicine approach to practice 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. Topics include: pediatric nutrition; enteral and parenteral nutrition; cardiovascular, pulmonary, gastrointestinal and liver disease; critical care; HIV/AIDS; and oncology.

## **FUNDAMENTAL CONCEPTS**

Recommending appropriate medical nutrition therapy requires:

1. Understanding physiology and metabolism
2. Critical thinking skills
3. Applying evidence-based nutrition principles
4. Knowing where to find information and how to apply information.

## **COURSE OBJECTIVES**

The objectives of this course require students to:

- demonstrate critical thinking skills
- discuss the theoretical basis for nutrition/medical intervention strategies with the anatomical, physiological and/or biochemical changes that occur in diseases/conditions covered in this course
- prepare to integrate the theories and principles of medical nutrition therapy into clinical practice
- evaluate social, nutritional, medical, laboratory, pharmacologic and other relevant patient data for all assigned case studies and recommend appropriate intervention strategies
- develop and justify appropriate recommendations for the management of patients with diseases/conditions covered in this course
- use medical terminology and appropriate documentation styles to communicate patients' nutritional status
- use and critique medical reference materials and begin to build a professional library
- practice the process of providing nutritional care based on an evidence-based approach
- demonstrate problem solving skills
- demonstrate professional work ethic
- give and receive constructive criticism

## **EXPECTATIONS FOR CLASSROOM DISCUSSIONS**

This is a graduate course, therefore, class discussions build on information learned in undergraduate nutrition and disease, physiology, biochemistry and metabolism. You will be expected to review your undergraduate material and read assigned material before coming to class.

## **STUDENT EVALUATION**

### **Grading System**

Due to the practical nature of the lecture material and the problem solving skills developed during the classes, material presented during class cannot be replaced with assigned readings, therefore, class attendance is required. Ten points will be subtracted from total grade points for each class not attended. Excused absences are at the discretion of the instructor and must be arranged prior to the start of the class period. An "excused" absence is any unavoidable, unplanned situation such as an illness, death in the family, or car accident. However, to be fair to all students, proof of the illness (note from doctor or clinic), death (obituary), accident (police report), etc. will be required. Please contact me the day of class or as soon as possible to inform me of your situation. Upon returning to class, please present proof of the problem.

*Each year assignments are returned to students. You may want to keep your work to prepare for clinical rotations or the registration exam. Please do not give these items to future students in this class. Do not review students' work from previous years.* Grades will not be curved. Students receiving a grade less than a B will not be allowed to advance to the Dietetic Internship in the spring.

**Distribution of points** (See Canvas for assignments and due dates):

Pediatric Enteral Case Study	25
Evidenced-based Nutrition Practice Presentations (4 at 25 points each)	100
Case Study Presentation	25
Diet Counseling (2 at 25 points each)	50
Diet Recall	25
Hot Topics in MNT	25
Worksheets (4 at 25 points each)	100
Evidence Summary	50
Formulary Debate	50
Formulary Summaries and Conclusions	<u>50</u>
<b>Total</b>	<b>500</b>

Coursework turned in after the due date will be penalized 5 points per day late.

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

**OTHER INFORMATION**

**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>

**Absences 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>.

**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/honorcodes/honorcode.php>.

### **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.

### **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](mailto: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 well-being 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/](http://www.counseling.ufl.edu/cwc/)*
  - Counseling Services
  - Groups and Workshops
  - Outreach and Consultation
  - Self-Help Library
  - Training Programs
  - Community Provider Database
- *Career Resource Center, First Floor JWRU, 392-1601, [www.crc.ufl.edu/](http://www.crc.ufl.edu/)*

### **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/](http://www.dso.ufl.edu/drc/)

## TENTATIVE CLASS SCHEDULE (Assignments and readings on Canvas)

<b>Date</b>	<b>Class Content</b>	<b>Assignments</b>
August 23	Course Introduction	
August 25	Pediatric Growth and Nutrition Assessment	<i>Take home survey</i>
August 30	Infant Nutrition - Formulas, Human Milk and Diet Ordering	
September 1	Pediatric Disease EBN Presentations	<i>1. Pediatric EBN Presentations</i>
September 6	Presentations Part 2 Pediatric Nutrition Support (Lecture)	
September 8	Pediatric Case Study (Discussion)	<i>2. Pediatric Worksheet Due</i>
September 13	Pediatric Disease Case Study Presentations	<i>3. Pediatric Case Study Presentations</i>
September 15	Enteral Nutrition (Lab)	
September 20	NICU (e-Lecture)	<i>4. Pediatric Enteral Case Study Due</i>
September 22	Oncology Review & Case Study 1 (Discussion)	
September 27	Oncology Case Study 2 and 3 (Discussion)	<i>5. Oncology/AIDS Formulary Summary Due</i>
September 29	GI/Pancreatic Disease (Lecture/GI Worksheet)	
<b>October 3</b>	GI/Pancreatic Counseling 1	<i>6. Counseling 1 &amp; PES</i>
October 4	Class canceled	
October 6	Enteral Case Study - Pancreatitis (Discussion)	
October 11	GI Disease Case Study - IBD (Discussion)	<i>7. Enteral Worksheet Due</i>
October 13	GI/Pancreatic Disease EBN Presentations	<i>8. GI EBN Presentations</i>
October 18	Presentations Part 2	<i>9. GI/Pancreatic/Liver Formulary Summary Due</i>
October 20	Bariatric Surgery and Short Bowel (e-lecture)	
October 25	HIV & Case Study (Guest Lecturer)	
October 27	Liver Disease Case Study (Discussion)	<i>10. CVD/Pulmonary Formulary Summary Due</i>
November 1	CVD/Pulmonary Case Study (Discussion)	
November 3	Onc/HIV/CVD/Pulm Counseling 2	<i>11. Counseling 2 &amp; ADIME</i>
November 8	Onc/HIV/CVD/Pulm EBN Presentations	<i>12. Onc/CVD/HIV/Pulm EBN Presentations</i>
November 10	Presentations Part 2	
November 15	Protein – TBA	
November 17	Critical Care – Burn and Trauma Case Studies	<i>13. Critical Care Formulary Summary Due</i>
November 22	PN/Critical Care EBN Presentations	<i>14. PN/CC EBN Presentations</i>
November 24	Presentations Part 2	
November 29	Multi-pass dietary recall	<i>16. Critical Care Worksheet Due 17. Parenteral Worksheet Due</i>
December 1	8-hr Experience Oral Case Presentations	<i>18. Subacute and Diabetes Formulary Summary Due</i>
December 6	Formulary Debate	<i>19. Formulary Conclusions Due 20. Evidence Summary Due 21. Formulary Debate</i>