

COURSE SYLLABUS: DIE 6242 (section 2490)
ADVANCED MEDICAL NUTRITION THERAPY II
Fall 2024 (3 credits)

Instructor: Wendy J. Dahl, PhD RD
Office: Room 207, FSHN Building
Office hours: Tuesdays 3:00 – 5:00 p.m. or by appointment
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Class Time: Tuesdays and Thursdays, 12:50 to 2:45 p.m.
Class Location: Dietetics Lab (IIT 0019)

Course Description

Opportunity to integrate principles of medical nutrition therapy into clinical practice. Prereq: Admission to Master of Science-Dietetic Internship Program (or permission of instructor) and completion of DIE 6241.

Additional Course Information

Part 2 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 (MNT) into clinical practice. Case studies and an evidence-based medicine approach to practice will facilitate students to integrate and apply their knowledge of nutrition, dietetics, metabolism, and physiology, with the goal of producing students who can effectively plan and manage the nutritional care of a variety of patients. Topics include 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, metabolism, and pathology
2. Critical thinking skills
3. Applying evidence-based nutrition principles
4. Knowing where to find information and how to apply information.

Course Objectives

Upon completion of this course, students will:

- apply 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/nutrition reference materials and begin to build a professional library
- practice the process of providing nutritional care based on an evidence-based approach
- develop problem-solving skills
- give and receive constructive feedback

Required Resource Materials

- Nelms M, Sucher KP. Nutrition Therapy and Pathophysiology 4th Ed. Cengage Learning. 2020 or similar textbook
- Medical nutrition reference handbook, “black book.” This is an electronic or pocket-sized reference for information to be used in clinical practice. It could be self-made or a purchased reference.
- Extensive outside readings assigned from journals, including JPEN, JAND, AJCN, BJN, etc.
- ASPEN Clinical Guidelines <https://www.nutritioncare.org/clinicalguidelines/>
- ESPEN Guidelines <https://www.espen.org/guidelines-home/espen-guidelines>

Recommended Resource Materials/Online Access

- Medical dictionary, medical abbreviations, laboratory values, food composition, pharmacology reference

Expectations for Classroom Discussions

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

Class Attendance and Demeanor

Due to the practical nature of the lecture material and the problem-solving skills developed during the classes, the material presented and discussed during class cannot be replaced with assigned readings; therefore, class attendance is required. Students are expected to attend all class sessions, arrive on time, and be present for the entire class. For more information about attendance and excused absences, please see <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies>. 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 activities such as checking social media/emails during classes.

Our class sessions may be audio-visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

If you experience technical/connection issues during class, you are advised to contact the instructor at 352 226 1773.

Student Evaluation

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.

Distribution of points (Assignments are posted on Canvas):

Evidenced-based MNT Presentations (3 at 25 points each)	75
Hot Topics in MNT (5 at 5 points each)	25
Malnutrition Patient Assignment	25
Home Enteral Patient Assignment	25
Diet Counseling Reflection (2 at 25 points each)	50
Worksheets (3 at 25 points each)	75
Current Topics in MNT (Patient Handouts)	25
Professional Writing	75
Formulary Debate	50
MNT Calculation Quiz	25
Formulary Summaries and Conclusion	<u>50</u>
Total	500

Grading Scale

Points	Percentages	Grade	Points	Percentages	Grade
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 and Grade Points

For information on current UF policies for assigning grade points, see [link to the university grades and grading policies](#).

Attendance and Make-Up Work

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies. [Click here to read the university attendance policies](#).

Online Course Evaluation Process

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Academic Honesty

UF students are bound by The Honor Pledge, which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students 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.” The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. [Click here to read the Conduct Code](#). If you have any questions or concerns, please consult with the instructor or TAs in this class.

It is expected 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 the 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.

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.

In-Class Recording

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

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 with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. [Click here to get started with the Disability Resource Center](#). It is important for students to share their accommodation letters with their instructor and discuss their access needs, as early as possible in the semester.

Campus Helping Resources

Health and Wellness

U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).

University Police Department: [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

GatorWell Health Promotion Services: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the [GatorWell website](#) or call 352-273-4450.

Academic Resources

E-learning technical support: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

Library Support: Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352-392-6420. General study skills and tutoring.

Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: [Visit the Student Honor Code and Student Conduct Code webpage for more information](#).

On-Line Students Complaints: [View the Distance Learning Student Complaint Process](#).

CLASS SCHEDULE* (See Course Canvas Site for Assignments, Readings, and Review Modules)

Date	Topic	Assignments
August 22 12:50-2:45 PM	Course Introduction “The Skeleton in the Hospital Closet”	
August 27 12:50-2:45 PM	Malnutrition Case Study	
August 29 12:50-2:45 PM	Assessment Lab	
September 3 12:50-2:45 PM	Case study rounds: SBS, IBD, and Liver Disease	
September 5 12:50-2:45 PM	Pancreatitis: Case Study Discussion	<i>Malnutrition Case due Sept 6</i>
September 10 12:50-2:45 PM	Virtual Diet Counseling 1	
September 12 12:50-2:45 PM	Virtual Diet Counseling 1	
September 16-20 12:00 – 1:30 PM	<i>ASPEN’s Malnutrition Awareness Week</i>	
September 17 12:50-2:45 PM	<i>ASPEN’s Malnutrition Awareness Week</i>	
September 19 12:50-2:45 PM	<i>ASPEN’s Malnutrition Awareness Week</i>	<i>Diet Counseling 1 Reflection & PES due Sept 20</i>
September 24 12:50-2:45 PM	Diet Counseling 2	
September 26 12:50-2:45 PM	Diet Counseling 2	
October 1 12:50-2:45 PM	Cancer: Virtual Patient	
October 3 12:50-2:45 PM	HSCT & Neutropenic Diet Guest Speaker and Case Studies	<i>Diet Counseling 2 Reflection & PES due Oct 4</i>
October 8 12:50-2:45 PM	Cancer/GI/Pancreatic/Liver Disease EBN Presentations	<i>EBN Presentation</i>
October 10 12:50-2:45 PM	Cancer/GI/Pancreatic/Liver Disease EBN Presentations	<i>EBN Presentation</i>
October 15 12:50-2:45 PM	<i>Enteral Nutrition Home Visit</i>	
October 17 12:50-2:45 PM	Enteral Nutrition Home Visit ADIME and discussion	<i>Home Enteral Patient; Enteral Worksheet due Oct 18</i>
October 22 12:50-2:45 PM	MNT of Neurological Disease Guest Speakers:	
October 24 12:50-2:45 PM	Neurology Chart Review Rounds	<i>10-minute case rounds</i>
October 29 12:50-2:45 PM	CVD/Pulm/Neuro EBN Presentations	<i>EBN Presentation</i>
October 31 12:50-2:45 PM	CVD/Pulm/Neuro EBN Presentations	<i>EBN Presentation</i>
November 5 12:50-2:45 PM	Current Topics in MNT (Endocrinology/Genetic Diseases)	<i>Patient Handouts due Nov 5</i>
November 7 12:50-2:45 PM	Critical Care Update	<i>Parenteral and Critical Care Worksheets due Nov 8</i>
November 12 12:50-2:45 PM	Critical Care EBN Debate	<i>EBN Presentations</i>

November 14 12:50-2:45 PM	Critical Care EBN Debate	<i>EBN Presentations</i>
November 19 12:50-2:45 PM	Neuro ICU/Transplant Guest Speakers	<i>Professional Writing Draft due Nov 20</i>
November 21 12:50-2:45 PM	Burn/Trauma Cases	
November 26 12:50-2:45 PM	No class	
November 28	Thanksgiving	
December 3 12:50-2:45 PM	Formulary Debate	<i>Formulary Debate Summaries & Conclusions due Dec 3 at 12 noon Professional Writing - Final due Dec 5 Calculation Quiz due Dec 5</i>

***Draft schedule subject to change (EBN: Evidence-based nutrition)**