

COURSE SYLLABUS: DIE 6242 (section 2490)
ADVANCED MEDICAL NUTRITION THERAPY II
Fall 2025 (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. Prerequisite: Admission to the 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, gastrointestinal, liver disease, cardiovascular, pulmonary, neurological disease, oncology, and critical care.

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, 5th Ed. Cengage Learning. 2026 or a 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.

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):

Hot Topics in MNT/Case Rounds (5 at 5 points each)	25
Malnutrition Case ADIME	25
Nutrition for the Clinician Certificate	25
Home Enteral Patient Assignment	25
In-class Worksheets (3 at 25 points each)	75
Evidence-based MNT Presentations (2 at 25 points each)	50
Critical Care Case Study Presentations	25
Current Topics in MNT Educational Resource	25
Professional Writing – MNT Research Letter of Intent	50
Professional Writing – Clinical Dilemma/Controversy review paper (group project)	100
Shands Formulary Critique and Discussion	25
Malnutrition and MNT Calculation Quizzes (2 at 25 points each)	50
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](#).

Academic Policies and Resources

Academic policies for this course are consistent with university policies. See <https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

Campus Health and Wellness Resources

Visit <https://one.ufl.edu/whole-gator/topics> for resources that are designed to help you thrive physically, mentally, and emotionally at UF.

Please contact [UMatterWeCare](#) for additional and immediate support. <https://umatter.ufl.edu>

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

Date	Topic	Assignments	Reading/Reviewing	Reference
August 21 12:50-2:45 PM	Course Introduction		<i>Butterworth 1974</i>	<i>Jensen et al 2019</i> <i>Skipper et al 2019</i> <i>Coltman et al 2024</i>
August 26 12:50-2:45 PM	Malnutrition Case Study: Idiopathic weight loss	<i>Malnutrition Patient</i> <i>ADIME due Sept 5</i>	<i>Kirsh et al 2020</i> (intro only) <i>PG-SGA video</i>	<i>Duerksen et al 2021</i>
August 28 12:50-2:45 PM	Assessment Lab		<i>Bendavid et al 2021</i>	<i>BIA 1 and BIA 2</i> <i>Sheean et al 2020</i> <i>Oshima et al 2017</i>
September 2 12:50-2:45 PM	Case study rounds of GI and Malnutrition: SBS, IBD, and Liver Disease			<i>ESPEN-CIF</i> <i>ESPEN-IBD</i> <i>ESPEN-Liver</i>
September 4 12:50-2:45 PM Zoom	Pancreatitis: Virtual Patient			<i>ESPEN-Pancreatitis</i>
Sept 8-12 12:00-1:30 PM	<i>ASPEN's Malnutrition Awareness Week</i>		<i>Bechtold et al 2022</i> <i>Worthington et al 2017</i>	<i>ESPEN-Hospital Nutrition</i>
September 9 12:00-1:30 PM	<i>ASPEN's Malnutrition Awareness Week</i>			
September 11 12:00-1:30 PM	<i>ASPEN's Malnutrition Awareness Week</i>	<i>Nutrition for the Clinician due Sept 19</i>	<i>Hasan & Seres 2024</i>	
September 16 12:50-2:45 PM	Enteral Calculations	<i>Enteral Worksheet</i> <i>Due September 26</i>		
September 18 12:50-2:45 PM	Parenteral Calculations	<i>Parenteral Worksheet</i> <i>due September 26</i>		
September 23 12:30-3:00 PM	Enteral Home Visit	<i>Home Enteral Assignment due Oct 3</i>	<i>Client background</i> <i>Rivero-Mendoza et al 2023</i> <i>Blenderized Video Series</i>	<i>Epp et al 2023</i> <i>Bischoff et al 2022</i> <i>Walia et al 2017 etc.</i>
September 25 12:50-2:45 PM	Cancer: Virtual Patient		<i>TBA</i>	
September 30 12:50-2:45 PM	HSCT & Neutropenic Diet Guest Speaker		<i>TBA</i>	
October 2 12:50-2:45 PM	Cancer: Case Studies		<i>Kirsh et al 2020</i> (oncology) <i>Bozzetti et al 2020</i>	<i>ESPEN-Cancer</i>
October 7 12:50-2:45 PM	Cancer/GI/Pancreatic/Liver Disease EBN Presentations	<i>EBN Presentation</i>		<i>Student selected papers</i>
October 9 12:50-2:45 PM	Cancer/GI/Pancreatic/Liver Disease EBN Presentations	<i>EBN Presentation</i>		<i>Student selected papers</i>
October 14 12:50-2:45 PM	Neurodegeneration: Guest Patient			
October 16 12:50-2:45 PM	MNT of Neurological Disease: Guest Speaker		<i>TBA</i>	<i>ESPEN-Neuro/Dementia</i>
October 21 12:50-2:45 PM	Neurological Chart Review			
October 23 12:50-2:45 PM	Neurology Chart Review Rounds/Brain Health update	<i>10-min case rounds</i>	<i>TBA</i>	

October 28 12:50-2:45 PM	CVD/Pulm/Neuro EBN Presentations	<i>EBN Presentations</i>		<i>Student selected papers</i>
October 30 12:50-2:45 PM	CVD/Pulm/Neuro EBN Presentations	<i>EBN Presentations</i>		<i>Student selected papers</i>
November 4 12:50-2:45 PM	Critical Care Update: Labs, refeeding, and inflammation	<i>Critical Care Worksheet due Nov 7</i>	<i>Kirsh et al 2020 (critical care)</i>	<i>ESPEN-ICU ASPEN-Critically Ill</i>
November 6 12:50-2:45 PM	Neuro ICU/Transplant: Guest Speakers			
November 11 12:50-2:45 PM	Critical Care Case Study Presentations	<i>Case Study Presentations</i>		
November 13 12:50-2:45 PM	Critical Care Case Study Presentations	<i>Case Study Presentations</i>		
November 18 12:50-2:45 PM	Burn Lecture and Burn/Trauma Cases		<i>Kirsh et al 2020 (Trauma/surgical)</i>	<i>Greenhalph (burns) 2019 ESPEN- Surgery</i>
November 20 12:50-2:45 PM	Current Topics in MNT (Endocrinology/Genetic) Class wrap-up	<i>MNT Educational Resource due Nov 21</i>	<i>TBA</i>	
November 26	<i>No class</i>			
November 28	Thanksgiving			
December 3 12:50-2:45 PM	<i>No class</i>	<i>Professional Writing & Review due Dec 4</i>		

***Subject to change** (EBN: Evidence-based nutrition) *Malnutrition and MNT Calculation Quizzes TBA*