

DIE 4245
Class # 16598
Medical Nutrition Therapy Applications – Part I: Fall 2025

Instructor

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Office Hours:

- 3:00-4:30pm on Wednesdays by appointment (email for appointment time). All office hours will be held on Zoom, unless otherwise arranged. See Canvas for Zoom link.

Course Location & Meeting Times

Monday 11:45am-1:40pm (5th and 6th periods) in WEIM 1070

Wednesday 11:45am-12:35pm (5th period) on Zoom

Recording Policies

Note that 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. 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. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Students are allowed to record their own 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.

Course Description

Part 1 of a 2 semester sequence. This course focuses on application of the Nutrition Care Process including development of nutrition assessment skills and formulation of nutrition care plans for case study patients including those requiring enteral and parenteral nutrition. This course is limited to Dietetics majors only.

Credits: 3

Students enrolled in this course should also be enrolled in HUN4445 (Nutrition and Disease 1). Material covered in HUN4445 will be applied in classroom activities, assignments, quizzes and examinations.

Prerequisite:

- HUN2201 (Fundamentals of Human Nutrition)

Co-requisites:

- HUN4445 (Nutrition and Disease 1)
- BCH3025 or BCH4024 (Biochemistry)
- APK2105C or PCB4723C (Physiology)

Required Materials

- Fremgen BF, Frucht SS. (2024). Medical Terminology: A Living Language, 8th Ed. Pearson. ISBN-13: 9780138029999. **Note:** 5th, 6th, and 7th editions are also okay.
- Computer with reliable internet access, webcam, and microphone
- Access to e-Learning (Canvas): <https://elearning.ufl.edu/>
- Access to Zoom: <https://ufl.zoom.us>
- Access to MS Word, MS PowerPoint, and PDF reader software
- Pocket-size (about 4"x7") loose-leaf notebook for Nutrition Reference Handbook (with paper and tab dividers). A digital alternative is also acceptable with instructor approval.
- Student membership in the Academy of Nutrition and Dietetics (AND) for access to the Evidence Analysis Library (EAL):
 - If you're not already a member of the AND, you can join here: <https://www.eatrightpro.org/membership/membership-types-and-criteria/student-member>
 - Once you are an active AND member, you can access the EAL here: <https://www.eatrightpro.org/practice/research/about-dietetics-research/evidence-analysis-center>
- Skinfold caliper
 - These can vary considerably in price. We don't need anything fancy for this class. An inexpensive one like this is fine: https://www.amazon.com/Sequoia-Fitness-TrimCal-Caliper-Health/dp/B00B2MIDFY/ref=sr_1_2?dchild=1&keywords=skinfold+caliper&qid=1598464414&sr=8-2
- Soft, flexible tape measure

- You can usually find these at craft stores or fabric stores, or here is one on Amazon: https://www.amazon.com/Measure-Flexible-Measurement-Centimetre-60-inch%E2%84%B6White%E2%84%B9/dp/B07MT89MCW/ref=sr_1_1?dchild=1&keywords=flexible+tape+measure&qid=1598464518&sr=8-1
- A “patient” to practice with... for some activities in this course, you’ll need to recruit a friend or family member to be your mock patient.

Optional Materials

- Nelms M, Sucher K. (2026). Nutrition Therapy and Pathophysiology, 5th Edition. Boston, MA: Cengage Learning. ISBN: 9780357973820. **Note:** The 4th edition is also fine.
- Mordarski B, Wolff J. Nutrition Focused Physical Exam Pocket Guide, Third Edition. Academy of Nutrition and Dietetics. Available at: <https://www.eatrightstore.org/product-type/pocket-guides/nutrition-focused-physical-exam-pocket-guide-third-edition> (\$24.99 for Academy members)

Course Goals

Upon completion of this course, students should be able to:

1. Comprehend and use medical terminology and medical abbreviations in oral and written communication.
2. Apply the Nutrition Care Process by performing nutrition assessments, making nutrition diagnoses, developing nutrition interventions, and identifying appropriate monitoring and evaluation indicators and criteria.
3. Write professional, appropriate chart notes for simulated patients/clients.
4. Use an evidence-based approach to dietetics practice.

Foundation Knowledge and Learning Outcomes

Activities in this course are designed to contribute to students achieving the following learning outcomes defined by the 2022 Accreditation Council for Education in Nutrition and Dietetics (ACEND):

- KRDN 1.2: Select and use appropriate current information technologies to locate and apply evidence-based guidelines and protocols.
- KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
- KRDN 2.4: Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.

Student Preparation for Class

Students are expected to use a self-instructional approach to learn medical terminology and abbreviations. The medical terminology textbook selected for this course is designed for self-instructional use. Students are expected to complete reading assignments in advance. Class preparation may require use of the Internet, library and/or other reference materials. Students are expected to bring course notes and materials from Canvas to class and to contribute to class discussions.

Class Attendance

Attendance is required for all dietetics (DIE) courses. "Attendance" is more than just being present (either physically or on Zoom). It means being attentive and engaged, not working on other tasks. On the days we meet via Zoom, come to class in a quiet space without distractions. You should not be working at a job, traveling, "multitasking", etc. **You must have your camera on in order to be counted as "present"**. If you must keep your camera off for some reason, communicate with the instructor about this ahead of time.

Students who miss class due to illness, family emergency, or other extenuating circumstance must complete the Instructor Notification Process ([Contact My Instructor | CARE \(ufl.edu\)](#)) through the Dean of Students Office to be eligible for an excused absence. We understand that sometimes "life happens" and you may occasionally miss class due to circumstances that are not necessarily documentable emergencies. For this reason, we will allow **up to 3** absences for the semester with no documentation needed and no questions asked. Absences beyond the allowed 3 will require notification from the Dean of Students Office (DSO) per above. If no DSO notification is provided, absences beyond the allowed 3 will result in a deduction of **10 points** from the attendance grade, in addition to a **grade of 0** for any work that was missed. Tardiness is unacceptable in the workplace and therefore also inappropriate in the classroom. Tardiness beyond 10 minutes will be considered an absence.

Late Policy

Assignments are due on the date indicated on the syllabus. Late assignments will be penalized 10% for each day late. Quizzes are given during the first 20 minutes of class; students who are tardy will not be given extra time to complete quizzes.

Student Evaluation

This course has 600 possible points. Evaluation is based on the following performance indicators:

Attendance (see Attendance Policy, below)	50
Medical terminology quizzes (5 @ 25 points each, lowest dropped)	100
Case Studies	140
Case Study 1: 25 points	
Case Study 2: 40 points	
Case Study 3: 75 points	
Nutrition-Focused Physical Exam Demo	20
In-Class and Homework Assignments	90
<u>Exams 1 & 2 @ 100 points each</u>	<u>200</u>
Total	600

In addition, students are to develop a Nutrition Reference Handbook, which may be used during exams. Guidelines for the handbook are available on Canvas.

Grades are not negotiable and will be assigned according to the following scale

560-600	93.34-100%	A
540-559	90-93.33%	A-
520-539	86.68-89.9%	B+
500-519	83.34-86.67%	B

480-499	80-83.33%	B-
460-479	76.68-79.9%	C+
440-459	73.34-76.67%	C
420-439	70-73.33%	C-
400-419	66.68-69.9%	D+
380-399	63.34-66.67%	D
360-379	60-63.33%	D-
<360	<60%	E

Academic Policies and Resources: <https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

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.

Use of Artificial Intelligence (AI) Tools

Because this is a clinical course, modeling compliance with HIPAA is critical. Note that AI tools like ChatGPT are not permitted per university policy for the handling of sensitive information – this includes medical information. Any use of AI for this course must be done through the UF-approved and compliant channels such as NavigatorAI. Also, note that the accuracy and credibility of information from AI-based platforms are questionable. If students use AI tools to prepare their assignments, it is the students' responsibility to ensure the accuracy of the information, to acknowledge the use of AI assistance and sources by explicitly stating which AI tool(s) were used and for what purpose(s), and to abide by the UF Honor Code. AI tools are **not allowed** for quizzes or exams.

Fall 2025 Class Schedule

	Date	Topic	Exams, Quizzes, Case Studies, and Assignments Due	Class Location
			<u>Exams</u> : You will be given the entire class period <u>Quizzes</u> : Will be given in the first 20 minutes of class <u>Assignments</u> : Due at 11:59pm, unless otherwise specified. This is a preliminary list; there will be additional assignments throughout the semester.	
Week 1	Monday August 25	Syllabus, Expectations, Getting to Know You!	Welcome Survey Due	WEIM 1070
	Wednesday August 27	Evidence-Based Practice		ZOOM
Week 2	Monday September 1	NO CLASS: LABOR DAY		
	Wednesday September 3	Nutrition Screening Lab	EAL Activity Due HIPAA Certificate Due	ZOOM
Week 3	Monday September 8	Malnutrition Diagnostic Framework Nutrition-Focused Physical Exam (NFPE) Lab 1 – Fat and Muscle Wasting	Nutrition Screening Lab Due	WEIM 1070
	Wednesday September 10	Grip Strength	NFPE Lab 1 (Fat and Muscle Wasting) Due	ZOOM
Week 4	Monday September 15	Nutrition-Focused Physical Exam (NFPE) Lab 2 - Anthropometry	Medical Terminology Quiz 1 Grip Strength Lab Due	WEIM 1070

	Wednesday September 17	Dietary Interview Lab		ZOOM
Week 5	Monday September 22	Introduction to Case Study 1 and Charting in the Medical Record Case Study 1 Mind Map	Medical Terminology Quiz 2 NFPE Lab 2 (Anthropometry) Due	WEIM 1070
	Wednesday September 24	The ADIME Note: Assessment	Dietary Interview Lab Due	ZOOM
Week 6	Monday September 29	The ADIME Note: Assessment (continued) and Diagnosis (PES Statements)		WEIM 1070
	Wednesday October 1	Review for Exam 1	Case Study 1 Mind Map Due	ZOOM
Week 7	Monday October 6	NO CLASS MEETING		
	Wednesday October 8	Introduction to Case Study 2 Case Study 2 Assessment and Diagnosis		
Week 8	Monday October 13	EXAM 1	EXAM 1	WEIM 1070
	Wednesday October 15	FOOD WEEK – Food is Medicine Project	Case Study 1 Due	ZOOM
Week 9	Monday October 20	NO CLASS MEETING NPFE Demonstrations [individually scheduled throughout the week]		
	Wednesday October 22	Case Study 2 Assessment and Diagnosis		ZOOM
Week 10	Monday October 27	Case Study 2 Assessment and Diagnosis Revisiting PES Statements	Medical Terminology Quiz 3	WEIM 1070
	Wednesday October 29	The ADIME Note: Intervention Case Study 2 Intervention		ZOOM
Week 11	Monday November 3	The ADIME Note: Monitoring and Evaluation	Medical Terminology Quiz 4	WEIM 1070

		Case Study 2 Monitoring and Evaluation		
	Wednesday November 5	Case Study 2 Monitoring and Evaluation; Work in Groups to Finish Case Study 2	Case Study 2 Due	ZOOM
Week 12	Monday November 10	TBA		
	Wednesday November 12	Feeding the ICU Patient: Clinical Dilemmas		ZOOM
Week 13	Monday November 17	Introduction to Case Study 3	Medical Terminology Quiz 5	WEIM 1070
	Wednesday November 19	Review for Exam 2		ZOOM
Week 14	Monday November 24	NO CLASS: Happy Thanksgiving Week!		
	Wednesday November 26	NO CLASS: Happy Thanksgiving Week!		
Week 15	Monday December 1	EXAM 2	EXAM 2	WEIM 1070
	Wednesday December 3	Course Evaluation and Wrap Up	Wrap Up Activity Due Case Study 3 Due	ZOOM