

DIE 4246
Medical Nutrition Therapy Applications – Part II: Spring 2025
Class Number 11500
Section T89R

Instructor

Dr. Laura Acosta, DCN, RDN, LD/N

Campus Office: Building 120, Room 104D

Campus Phone: 352-273-3472

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Please use my UFL email, NOT Canvas email!

Office Hours:

- 11:30-1:30pm on Fridays.
 - Zoom link posted on Canvas; Please email for appointment.
- I may also be able to accommodate occasional appointments on other days. Please email if Fridays do not work for you and we will arrange an alternate day.
- All office hours will be held on Zoom unless otherwise arranged.

Teaching Assistant

Eleazar Torres

eleazar.torres@ufl.edu

Course Location & Meeting Times

Tuesdays (In-Person)

Period 8 - 9 (3:00 PM - 4:55 PM), WEIM 1070

Thursdays (Zoom)

Period 5 (11:45 AM - 12:35 PM)

Zoom link for Thursdays:

<https://ufl.zoom.us/j/97390379093?pwd=bf7w95LowcKGcDaLZMjll07d456nki.1>

Meeting ID: 973 9037 9093

Passcode: 886946

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.

Course Description

Part 2 of a two-semester sequence that focuses on attainment of knowledge to make nutrition diagnoses, to develop and implement effective nutrition intervention strategies, and to identify appropriate monitoring and evaluation plans for patients with common chronic diseases and

disorders. Information learned in HUN 4446 will be integrated into class lectures, discussions, activities, assignments, and quizzes, as appropriate.

Credits: 3

Prerequisites:

- HUN2201 (Fundamentals of Human Nutrition)
- DIE4245 (Medical Nutrition Therapy Applications – Part 1)
- APK2105 or PCB 4723C

Co-requisites:

- HUN4446 (Nutrition and Disease 2)

Required Materials

- Fremgen BF, Frucht SS. (2019). Medical Terminology: A Living Language, 7th Ed. Pearson. ISBN-13: 9780134701202
- OR**
- Fremgen BF, Frucht SS. (2015). Medical Terminology: A Living Language, 6th Ed. Pearson. ISBN-13: 978-0134070254
 - Non-programmable calculator
 - Computer with reliable internet access
 - Webcam and microphone
 - Access to e-Learning (Canvas). Refer to <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)
 - Access to e-Learning (Canvas): <https://elearning.ufl.edu/>
 - Student membership in the Academy of Nutrition and Dietetics for access to the Evidence Analysis Library (EAL)
 - Laptop computer, tablet, or other mobile device to access the internet during class

Recommended Materials

- Nelms M, Sucher K. (2020). Nutrition Therapy and Pathophysiology, 4th Edition. Boston, MA: Cengage Learning. ISBN-13: 978-0357041710
- OR**
- Nelms M, Sucher K, Lacey K. (2016). Nutrition Therapy and Pathophysiology, 3rd Edition. Boston, MA: Cengage Learning. ISBN-13: 978-1305111967

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 communications.
2. Apply the Nutrition Care Process by performing nutrition assessment, nutrition diagnosis, developing nutrition interventions, and identifying appropriate monitoring and evaluation indicators.

3. Evaluate the nutritional status of simulated patients based on medical, social, physical, dietary, anthropometric, pharmacologic, and laboratory data.
4. Write appropriate chart notes for simulated patients/clients using standardized language for the nutrition care process.
5. Develop appropriate nutrition prescriptions for individuals with special needs due to acute/chronic illnesses or other medical/physical conditions.
6. Construct/calculate appropriate diets for simulated patients/clients based on an assessment of their medical, nutritional, and health status.
7. Develop skills in using 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 Accreditation Council for Education in Nutrition and Dietetics (ACEND):

- KRDN 1.1: Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.
- KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
- KRDN 2.5: Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates.
- KRDN 3.1: Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition related problems, determine appropriate nutrition interventions and develop plans to monitor the effectiveness of these interventions.
- KRDN 3.4: Practice routine health screening assessments, including measuring blood pressure and conducting waived point-of-care laboratory testing (such as blood glucose or cholesterol).
- KRDN 3.5: Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health, and disease.

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, and not working on other tasks. For the days we have class on 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 have a situation arise where you must have your camera off, please discuss this with the course TA 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 5 minutes will result in a deduction of **5 points** from the attendance grade.

Class Demeanor

Students are expected to show courtesy to their classmates and instructor by turning cell phones off before the class period begins and refraining from engaging in personal conversations during class.

Particular courtesy is expected when guest speakers visit. Please note that guest speakers are not being compensated for their services, and are sharing their knowledge and experience out of a love for the profession and desire to mentor and inspire the next generation of clinicians. The utmost respect, attentiveness, and professional courtesy is expected. You will be responsible on exams, case studies, assignments, etc. for information that is shared during guest lectures.

Assignments and Quizzes

Assignments are due on the date indicated on the syllabus. Late assignments will be penalized **10% for each day late**. Assignments over one week late **will not be accepted**. Quizzes are given during the first 20-25 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
Renal Case Study	100
Graded NFPE Demo	50
In-Class Activities, Labs, Homework Assignments	50
Case Presentation	100
Exam	<u>150</u>
Total	600

In addition, students are to add to their Nutrition Reference Handbook (started last semester in DIE4245), and this book may be used during the Final Exam.

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

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

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/UGRD/academic-regulations/attendance-policies/>

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. 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. [See the UF Conduct Code website for more information](#). If you have any questions or concerns, please consult with the instructor or TAs in this class.

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). 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: <https://policy.ufl.edu/regulation/4-040/>

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

Students experiencing crises or personal problems that interfere with their general wellbeing 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.

Whole Gator App

- The Whole Gator website and app connects UF students with resources dedicated to supporting overall health and well-being. In addition to many of the resources below it also has strategies to practice self-care. <https://one.uf.edu/whole-gator/topics>

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.
- Student Success Initiative, <http://studentsuccess.ufl.edu>.

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. Call 866-281-6309 or email ask@ufl.libanswers.com for more information.
- [Teaching Center](#): 1317 Turlington Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- [Writing Studio](#): Daytime (9:30am-3:30pm): 2215 Turlington Hall, 352-846-1138 | Evening (5:00pm-7:00pm): 1545 W University Avenue (Library West, Rm. 339). Help brainstorming, formatting, and writing papers.
- Academic Complaints: Office of the Ombuds; [Visit the Complaint Portal webpage for more information](#).
- Enrollment Management Complaints (Registrar, Financial Aid, Admissions): [View the Student Complaint Procedure webpage](#) for more information.

Student Complaints

- Residential Course: <https://www.ombuds.ufl.edu/complaint-portal/>
- Online Course: <https://pfs.tnt.aa.ufl.edu/state-authorization-status/#student-complaint>

Accommodations for Students with Disabilities

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See the “[Get Started With the DRC](#)” webpage on the Disability Resource Center site. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

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.

Use of Artificial Intelligence (AI) Tools

If students use AI tools in preparing assignments for this course, it is the students’ responsibility to ensure the information’s accuracy and credibility, abide by the UF Honor Code, and acknowledge in writing (in a footnote on the assignment) which AI tools were used and specifically how they were used on that particular assignment. AI tools are not allowed for quizzes or exams in this course.

Spring 2025 Class Schedule

	Date	Topic
		<u>Medical Terminology Quizzes:</u> Will be given in the first 20-25 minutes of class
Week 1	Tuesday January 14	Syllabus and Expectations Diabetes
	Thursday January 16	Diabetes
Week 2	Tuesday January 21	Diabetes
	Thursday January 23	Diabetes
Week 3	Tuesday January 28	Diabetes
	Thursday January 30	Diabetes
Week 4	Tuesday February 4	Medical Terminology Quiz 1 Renal
	Thursday February 6	Renal
Week 5	Tuesday February 11	Renal
	Thursday February 13	Renal
Week 6	Tuesday February 18	Medical Terminology Quiz 2 Renal
	Thursday February 20	Renal

Week 7	Tuesday February 25	Medical Terminology Quiz 3 Renal
	Thursday February 27	Renal
Week 8	Tuesday March 4	Renal Case Study Due
	Thursday March 6	TBA
Week 9	Tuesday March 11	Clinical Rounds
	Thursday March 13	Clinical Rounds
Week 10	Tuesday March 18	Spring Break
	Thursday March 20	Spring Break
Week 11	Tuesday March 25	Medical Terminology Quiz 4 Dysphagia and Orofacial NFPE
	Thursday March 27	Dysphagia and Orofacial NFPE
Week 12	Tuesday April 1	Dysphagia and Orofacial NFPE
	Thursday March 3	Dysphagia and Orofacial NFPE
Week 13	Tuesday April 8	Graded NFPE Demos – no class meeting
	Thursday April 10	Graded NFPE Demos – no class meeting
Week 14	Tuesday April 15	Medical Terminology Quiz 5

		Blood Pressure and Vital Signs
	Thursday April 17	Blood Pressure and Vital Signs
Week 15	Tuesday April 22	Cumulative Exam