

DIE 4246
Medical Nutrition Therapy Applications – Part II: Spring 2024
Class Number 11994

Instructor

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

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Please use my UFL email, NOT Canvas email!

Office Hours:

- 3:00-4:30pm on Thursdays by appointment (email for appointment time).
 - Zoom link posted on Canvas.
- I may also be able to accommodate occasional appointments on other days. Please email if Thursdays 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

Ehsan Safaei

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/91827001254?pwd=V3ZSL004ZEIhVEp6cTVRZGpYSFNUT09>

Meeting ID: 918 2700 1254

Passcode: 239781

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.

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/>

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 by abiding by the Student Honor Code."* 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: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.

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.

| Service | Phone | Web site | Services provided |
|---|--|---|--|
| University Counseling and Wellness Center | 352-392-1575 | https://counseling.ufl.edu/ | <ul style="list-style-type: none"> • Counseling Services • Groups and Workshops • Outreach and Consultation • Self-Help Library • Wellness Coaching |
| U Matter We Care | umatter@ufl.edu 352-392-1575 | http://www.umatter.ufl.edu/ | Support for students in distress |
| Career Connections Center | 352-392-1601 | https://career.ufl.edu/ | Career development assistance and counseling |

Services 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 (DRC). The DRC coordinates needed accommodations, including accommodations within the classroom, adaptive computer equipment, interpretation services, and mediation for faculty-student disability related issues. Here is the link to get started with the DRC:

<https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructors and discuss their access needs as early as possible in the semester.

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. [Click here for guidance on how to give feedback in a professional and respectful manner](#). 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 ufl.bluera.com/ufl/. [Summaries of course evaluation results are available to students here](#).

Writing Studio

The Writing Studio is committed to helping University of Florida students meet their academic and professional goals by becoming better writers. Individual assistance is provided and students of all levels and disciplines are welcome (<https://writing.ufl.edu/writing-studio/>). Their main office is 302 Tigert Hall, and their office phone is (352) 846-1138.

Course Material Copyright and Confidentiality

All course material is the property of the University of Florida and the course instructor, and **may not** be posted online for any commercial or non-commercial purpose. Students found in violation may be subject to disciplinary action under the University's Student Conduct Code. Only students formally registered for the course are permitted to attend lectures and take quizzes/tests.

Filing a Complaint

The University of Florida believes strongly in the ability of students to express concerns regarding their experiences at the University. The University encourages its students who wish to file a written complaint to submit that complaint directly to the department that manages that policy.

A student who is unsure as to the official responsible for handling his or her particular complaint may contact the Ombuds office or the Dean of Students Office. For complaints that are not satisfactorily resolved at the department level or which seem to be broader than one department, students are encouraged to submit those complaints to one of the following offices:

Ombuds: <http://www.ombuds.ufl.edu/>
352-392-1308

The purpose of the Ombuds office is to assist students in resolving problems and conflicts that arise in the course of interacting with the University of Florida. By considering problems in an unbiased way, the Ombuds works to achieve a fair resolution and works to protect the rights of all parties involved.

Dean of Students Office: <http://www.dso.ufl.edu/>
352-392-1261

The Dean of Students Office works with students, faculty, and families to address a broad range of complaints either through directly assisting the student involved to resolve the issue, working with the student to contact the appropriate personnel, or referring the student to resources or offices that can directly address the issue. Follow up is provided to the student until the situation is resolved.

Additionally, the University of Florida regulations provide a procedure for filing a formal grievance in Regulation 4.012: <http://regulations.ufl.edu/regulations/uf-4-student-affairs/>

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.

Spring 2024 Class Schedule

| | Date | Topic |
|--------|-------------------------|--|
| | | <u>Medical Terminology Quizzes:</u> Will be given in the first 20-25 minutes of class |
| Week 1 | Tuesday January 9 | Syllabus and Expectations Diabetes |
| | Thursday January 11 | Diabetes |
| Week 2 | Tuesday January 16 | Diabetes |
| | Thursday January 18 | Diabetes |
| Week 3 | Tuesday January 23 | Diabetes |
| | Thursday January 25 | Diabetes |
| Week 4 | Tuesday January 30 | Medical Terminology Quiz 1 Renal |
| | Thursday February 1 | Renal |
| Week 5 | Tuesday February 6 | Renal |
| | Thursday February 8 | Renal |
| Week 6 | Tuesday February 13 | Medical Terminology Quiz 2 Renal |
| | Thursday February 15 | Renal |

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|------------|-------------------------|--|
| Week 7 | Tuesday February 20 | Medical Terminology Quiz 3 Renal |
| | Thursday February 22 | Renal |
| Week 8 | Tuesday February 27 | Renal Case Study Due |
| | Thursday February 29 | TBA |
| Week 9 | Tuesday March 5 | Clinical Rounds |
| | Thursday March 7 | Clinical Rounds |
| Week 10 | Tuesday March 12 | Spring Break |
| | Thursday March 14 | Spring Break |
| Week 11 | Tuesday March 19 | Medical Terminology Quiz 4 Dysphagia and Orofacial NFPE |
| | Thursday March 21 | Dysphagia and Orofacial NFPE |
| Week 12 | Tuesday March 26 | Dysphagia and Orofacial NFPE |
| | Thursday March 28 | Dysphagia and Orofacial NFPE |
| Week 13 | Tuesday April 2 | Graded NFPE Demos |
| | Thursday April 4 | Graded NFPE Demos |
| Week 14 | Tuesday April 9 | Medical Terminology Quiz 5 |

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|------------|----------------------|---------------------------------------|
| | | Blood Pressure and Vital Signs |
| | Thursday April 11 | Blood Pressure and Vital Signs |
| Week 15 | Tuesday April 16 | Blood Pressure and Vital Signs |
| | Thursday April 18 | Course Evaluations Review for Exam |
| Week 16 | Tuesday April 23 | Cumulative Exam |