

**DIE 4245 Sections 0038 and 2525
Medical Nutrition Therapy Applications – Part I
Fall 2014**

Instructor:

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Office Hours: Monday 9am-11pm, Tuesday 11am-1pm, or by appointment

*Note: No office hours on Tuesday September 16

Course Location & Meeting Times

Sections: Tuesdays, 8:30-9:20am and 9:35-10:25am (Dietetics Lab)

Lab: Thursday 8:30-10:25am (2102 McCarty B)

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 simulated patients including those requiring enteral and parenteral nutrition. Information learned in HUN 4445 will be applied in classroom activities, assignments, quizzes and examinations. Prereq: HUN2201; Coreq: HUN4445, and BCH3025 or BCH4024 and APK2105C or PCB4723C; DIE majors only. Credits: 3

Required Materials

- Fremgen BF, Frucht SS. (2013). Medical Terminology: A Living Language, 5th Ed. Upper Saddle River, NJ: Prentice Hall. (ISBN-13: 978-0-13-284347-8)
- Calculator
- 3-ring binder for class notes, worksheets, and handouts
- Pocket-size (about 4"x7") loose-leaf notebook for Nutrition Reference Handbook (with paper and tab dividers)
- Access to e-Learning (Canvas) for class worksheets, handouts and grades (Refer to <http://lss.at.ufl.edu>)
- Access to the Evidence Analysis Library (EAL) at eatright.org, which requires membership in Academy of Nutrition and Dietetics

Recommended Materials

- Nelms M, Sucher K, Lacey K, Roth S. (2011). Nutrition Therapy and Pathophysiology, 2nd Edition. Belmont, CA: Brooks/Cole, Cengage Learning. (ISBN-13: 978-1-4390-4962-4)

Course goals/Competencies

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 assessment, nutrition diagnosis, developing nutrition interventions and identifying appropriate monitoring and evaluation indicators.
3. Write appropriate chart notes for simulated patients/clients.
4. 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 follow learning outcomes defined by the Accreditation Council for Education in Nutrition and Dietetics:

- Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical evidence-based practice decisions.
- Use current information technologies to locate and apply evidence-based guidelines and protocols.
- Demonstrate effective and professional oral and written communication and documentation
- Identify and describe the roles of others with whom the RD/RDN collaborates in the delivery of food and nutrition services.
- Use the Nutrition Care Process to make decisions, to identify nutrition–related problems and determine and evaluate nutrition interventions
- Analyze data for assessment and evaluate data to use in decision-making.

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 (5 @ 20 points each)	100
In-Class Assignments (6 @ 5 points each)	30
Exams 1 & 2 @ 50 points each	100
Shands Shadowing Project	40
GHS Service-Learning Project	80
Final exam case study	<u>100</u>
Total	600

In addition, students are to develop a Nutrition Reference Handbook to use during their final exam. Guidelines for the handbook are available on Canvas.

Attendance Policy: Attendance is required for all dietetics (DIE) courses, and a penalty of 10 points is assessed for each class that is missed. Students who miss class due to illness or family emergency **MUST** call or email Ms. Acosta **prior to class** and provide appropriate documentation (doctor's note, etc.) to be eligible to make up any quizzes, exams, or classwork for that day. Failure to do this will result in a grade of 0 for any work that was missed.

Assignments and Quizzes: 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 5-10 minutes of class; students who are late will earn a 0 for that day's quiz.

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

560-600	93.34-100%	A	400-419	66.68-69.9%	D+
540-559	90-93.33%	A-	380-399	63.34-66.67%	D
520-539	86.68-89.9%	B+	360-379	60-63.33%	D-
500-519	83.34-86.67%	B	<360	<60%	E
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-			

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

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/ugrad/current/regulations/info/attendance.aspx>.

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."* 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: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.

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	Location	Phone	Web site	Services provided
University Counseling and Wellness Center	3190 Radio Road	352-392-1575	www.counseling.ufl.edu/cwc/	Counseling Services Groups and Workshops Outreach and Consultation Self-Help Library Wellness Coaching
Career Resource Center	First Floor J. Wayne Reitz Union	352-392-1601	www.crc.ufl.edu	Career development assistance and counseling

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 requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Contact information: 0001 Reid Hall, 392-8565, www.dso.ufl.edu/drc/.

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. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

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Reading and Writing Center: The Reading and Writing Center is committed to helping University of Florida students become better writers and readers. Individual assistance is provided and students of all levels and disciplines are welcome. <http://at.ufl.edu/rwcenter>. Fall hours are M-F 9:00 AM to 5:00 PM. The Center is located in Broward Hall.

Other Information: Lecture material and information are the property of the University of Florida and the course instructor and may not be used for any 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.

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.

Fall 2014 Class Schedule

	Date	Topic	Textbook Readings (Nelms)	Assignments Due	Exams and Quizzes
Class 1	Tuesday August 26	Syllabus and Expectations			
Class 2	Thursday August 28	The Nutrition Care Process and Introduction to Charting in the Medical Record	pg. 14-32, 106-113	Case Study Definitions (posted on Canvas)	
Class 3	Tuesday September 2	Applying the Nutrition Care Process Writing ADIME Notes	pg. 14-32, 106-113	Case Study Definitions and Calculations (posted on Canvas)	
Class 4	Thursday September 4	Nutrition Assessment	pg. 34-62, 110-111		Medical Terminology Quiz 1
Class 5	Tuesday September 9	Anthropometrics and Body Composition Lab	pg. 45-52	HIPAA Certificates Due	
Class 6	Thursday September 11	ADIME Note Review Nutrition-Focused Physical Assessment	pg. 58	Case Study 1 Due Anthropometry Lab Due (if not completed in class)	
Class 7	Tuesday September 16	Estimating Energy, Protein and Fluid Needs Hematological Assessment	pg. 59-61	Be sure to have watched recorded lecture ahead of time, and be prepared for an in-class activity	
Class 8	Thursday September 18	Arm Band Energy Expenditure Measurement Guest Speaker: Anne Mathews, PhD, RD			Medical Terminology Quiz 2
Class 9	Tuesday September 23	Conducting Dietary Interviews		Case Study 2 Due	
Class 10	Thursday September 25	Exam 1			EXAM 1
Class 11	Tuesday September 30	Service Learning Project: Interview GHS Students *Arrive at GHS between 7:30-7:45am*			
Class 12	Thursday October 2	Enteral Nutrition Problem Solving	pg. 82-93		Medical Terminology Quiz 3
Class 13	Tuesday October 7	Enteral Nutrition Recommendations in the Medical Record	pg. 82-93		
Class 14	Thursday October 9	Enteral Products Tasting Lab Guest Speaker: Nicole Robertson, Abbott Nutrition			

Class 15	Tuesday October 14	Parenteral Nutrition	pg. 93-102	GHS Client Assessments and Educational Materials Due	
Class 16	Thursday October 16	Shands Shadowing Experience – Group 1 *Arrive at Shands by 8:15am* (No class for Group 2)			
Class 17	Tuesday October 21	Home Care Nutrition Services Guest Speaker: Erica Blake, MS, RD, LD/N, CNSC (Barnes Healthcare)		Case Study 3 Due	
Class 18	Thursday October 23	Shands Shadowing Experience – Group 2 *Arrive at Shands by 8:15am* (No class for Group 1)			
Class 19	Tuesday October 28	Nutrition Services in Today's Healthcare Environment			Medical Terminology Quiz 4
Class 20	Thursday October 30	Service Learning Project: Nutrition Education Sessions with GHS Students *Arrive at GHS between 7:30-7:45am*		Shands Project Due for Group 1	
Class 21	Tuesday November 4	MNT for Cancer			
Class 22	Thursday November 6	Exam 2	pg. 702-732	Shands Project Due for Group 2	EXAM 2
Class 23	Tuesday November 11	No Class – Veterans Day			
Class 24	Thursday November 13	MNT for Eating Disorders			
Class 25	Tuesday November 18	MNT for Eating Disorders		Case Study 4 Due	
Class 26	Thursday November 20	MNT for Eating Disorders Guest Speaker: Tracy Brown, RD	pg. 268-275		Medical Terminology Quiz 5
Class 27	Tuesday November 25	Evidence-Based Practice - Using the EAL	pg. 268-275	GHS Follow-Up ADIME Note and Reflection Paper Due	
Class 28	Thursday November 27	No Class - Thanksgiving			
Class 29	Tuesday December 2	Evaluating Nutrition Research and Developing Practice Guidelines	pg. 268-275	Case Study 5 Due	
Class 30	Thursday December 4	Final Exam Case Study			FINAL EXAM CASE STUDY

