

FDNS 4520/6520
Dietetic Practice and Nutrition Support
Spring, 2008

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Course objectives

Following the completion of the course the student will:

understand the nutrition care process of assessment, nutrition diagnosis, intervention, monitoring and evaluation as it applies to patient care

using a case study approach, demonstrate the use of critical thinking skills by evaluating dietary intake, body composition, laboratory values, medical history, socioeconomic and cultural factors, and drug nutrient interactions to derive a nutrition diagnosis and identify an intervention for patients with common disease states

communicate the nutrition care process to others using appropriate documentation methods

demonstrate oral communication skills to present a patient case to other class members

describe major nutrition counseling theories and techniques.

discuss the indications for use of enteral and parenteral formulas, types of formulas, complications of use, and ethical considerations with their use.

calculate enteral and parenteral nutrition formulations for defined cases

describe health care delivery systems in acute and long term care facilities and discuss the role of the dietitian and of other health care team members in these systems.

define terminology used when discussing nutrition payment systems, and be able to discuss current reimbursement issues.

describe legislative issues related to the delivery of nutrition care services

Texts

Mahan, L.K. and Escott-Stump, S. Food, Nutrition, and Diet Therapy. 12th Ed. Philadelphia: Saunders, An Imprint of Elsevier, 2007.

Nelms, M.N., and Anderson, S.L. Medical Nutrition Therapy: A Case Study Approach. 2nd Ed. Belmont, CA: Wadsworth/Thomson Learning, 2004.

American Dietetic Association. Pocket Guide for the International Dietetics and Nutrition Terminology Reference Manual: Standardized Language for the Nutrition Care Process, 2008. Available from American Dietetic Association website: www.eatright.org. See Shop Online: online catalog; Select Professional Reference. Non-ADA member price is \$50.00. ADA Student Member price is \$15.00. Student membership cost is \$49.00.

The full manual is online in a pdf format for ADA members at
http://www.eatright.org/ada/files/ncp_publication_2008_june_1_07.pdf

Standard medical dictionary such as Stedman's or online resources.

Other Resources available for use in Room 390 (Readings will be added during semester)

American Dietetic Association Pocket Guide to Nutrition Assessment. P. Charney and A. Malone, (eds.) Chicago: American Dietetic Association, 2004.

American Dietetic Association Pocket Guide to Enteral Nutrition. P. Charney and A. Malone, (eds.) Chicago: American Dietetic Association, 2006.

American Dietetic Association Pocket Guide to Parenteral Nutrition. Charney and A. Malone, (eds.) Chicago: American Dietetic Association, 2007.

American Dietetic Association. Manual of Clinical Dietetics, 2000.

American Dietetic Association. Nutrition care of the older adult., 2nd Ed., 2004.

Georgia Dietetic Association Diet Manuel, 2004.

Hummell, A.C., Bloch, A.S., MacInnis, P., Winkler, M.F. Clinical Indicator workbook for Nutrition Care Systems. The American Dietetic Association, 1994.

The Science and Practice of Nutrition Support. M.M. Gottschlich, (ed.) Silver Spring, MD: A.S.P.E.N., 2001.

Readings on e-reserve (Password, nutr)
Nutrition assessment

Internet Resources will be added as links on webct. These include:

American Dietetic Association website: www.eatright.org

Evidence Analysis Library: <http://www.adaevidencelibrary.com>

The Joint Commission: <http://www.jointcommission.org/>

Agency for Healthcare Research and Quality: Evidence based practice:

<http://www.ahrq.gov/clinic/epcix.htm>

American Hospital Association: www.aha.org

Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III): <http://www.nhlbi.nih.gov/guidelines/cholesterol/index.htm>

Methods of Body Composition Analysis Tutorials:

National Institutes of Health Clinical Center Drug Nutrient Interaction Task Force:

http://clinicalcenter.nih.gov/ccc/patient_education/drug_nutrient/

Course Evaluation

Tests: There will be three tests; two tests during the semester (150 points each) and a cumulative final exam (250 points).

Case Studies: There will be 4 case studies. The first will be worth 100 points, the second and third will be 75 points, and the fourth will be 150 points (Total: 400 points).

Case studies will include questions on medical terminology, nutrition assessment, nutrition

diagnosis, nutrition intervention, monitoring and evaluation, patient care documentation, and enteral and parenteral calculations. Case studies will be assigned from Medical Nutrition Therapy: A Case Study Approach. The first case study (Case study 3 in Nelms and Anderson text) will be done individually. Case studies 28 and 19 and the case study with presentation will be done by undergraduates in groups of 4. For each case study I will add a worksheet for nutrition diagnosis, intervention, monitoring and evaluation.

Case Study Due Dates:

Case Study 3: February 4, to be completed individually

Case Study 28: February 25, to be completed in groups of 4

Case Study 19: March 17, to be completed in groups of 4

Case Study with Presentation to the Class: This must be done in groups of 4. You will be assigned a case study from the Nelms and Anderson case study text. You will research the disease in the medical literature, note key nutrition assessment findings that are pertinent to this condition, describe nutritional care and note the outcome for this patient. See attached instructions. The case study will be presented to the class on April 9, 14 or 16. This case study will be worth 150 points. Paper due date: April 21.

Problem Set: There will be two problem sets on enteral and parenteral nutrition calculations (25 points for each problem set). These will be completed individually.

Due dates: Enteral Nutrition: March 24

Parenteral Nutrition: April 9

Other Information

Grading Scale:

90 - 100	A
88 - 89.9	A-
85 - 87.9	B+
80 - 84.9	B
78 - 79.9	B-
75 - 77.9	C+
70 - 74.9	C
68 - 69.9	C-
60 - 67.9	D
≤59.9	F

Academic Honesty: All academic work must meet the standards contained in “A Culture of Honesty.” Students are responsible for informing themselves about those standards before performing any academic work. You can find more information about academic honesty at: <http://www.uga.edu/ovpi/honesty/ahs.htm>.

Attendance: The University Bulletin states: students are expected to attend class regularly. A student who incurs an excessive number of absences may be withdrawn from a class at the discretion of the professor. Attendance is recorded at random during the semester.

Late Work: The grade for work turned in after the due date will be reduced by 10% for each day it is late. Exceptions are only made for documented illness, family emergency, or jury duty.

Exams: Exams must be taken as scheduled. Make-up exams are only given in the event of

documented illness, family emergency or jury duty, and are in a different format than the original exam. The final examination must be given at the assigned time.

Use of name in class: I generally call people by name in class. If you do not want your name used in class, please let me know by Tuesday, January 8th at 5:00 PM.

Note: All cellular phones should be turned off during class. Cell phones are not allowed on desks during exams. Thank you!

The course syllabus is a general plan for the course; deviations from this schedule may be necessary. Any deviations will be announced during the class period by the course instructor.

January 7

Introduction to the Course

Role of the dietitian in selected health care settings

Registration and Licensing

Reading Assignments:

Code of Ethics, American Dietetic Association, www.eatright.org/public

Type in Code of Ethics under Search. Select #1.

Frequently Asked Questions about Licensing of Dietitians in Georgia

<http://www.sos.state.ga.us/plb/dietitians/faqs.htm>

January 9 - February 6, (January 21, MLK Day, No class)

The Nutrition Care Process: Overview

1. Nutrition Screening and Assessment
 - a. Medical and Social Histories, Functional Status
 - b. Dietary intake assessment
 - c. Laboratory Parameters
 - d. Anthropometric Measurements
 - e. Nutritionally focused physical assessment
 - f. Drug-Nutrient Interactions
2. Nutrition Care Process: Nutrition Diagnosis, Intervention and Evaluation

Reading Assignment:

- 1) Chapters 14-17, Mahan
- 2) Nutrition Assessment articles on Electronic Reserve, Password: nutr
- 3) Lacey, K, Pritchett, E. 2003, Nutrition care process and model: ADA adopts road map to quality care and outcomes management. J. Am. Diet. Assoc. 103: 1061-1072
- 4) American Dietetic Association Pocket Guide for Standardized Language for the Nutrition Care Process

February 11, Test 1

February 13, Nutrition Care Documentation: The Medical Chart

February 18, Nutrition Counseling

Reading Assignment: Chapter 19, Mahan

February 20, Nutrition Support Introduction

1. Indications
2. Ethical Issues related to Nutrition Support
3. Nutrition Support Team

Reading Assignments:

ADA Position Paper: Ethical and legal issues in nutrition, hydration, and feeding. See: www.eatright.org. Select Position papers on right. Choose Position Papers A-Z Index to find paper.

Casarett, D., Kapo, J., Caplan, A. 2005. Appropriate use of artificial nutrition and hydration- Fundamental principles and recommendations. NEJM 353:2607-2612

February 25 – March 5, Enteral Nutrition

1. Formulas and Delivery
2. Calculations
3. Complications

Reading Assignment: Chapter 20, Mahan

March 10-12, Spring Break

March 17-26, Parenteral Nutrition

1. Introduction
2. Indications
3. Calculations
4. Complications

Reading Assignment: Handouts on Parenteral Nutrition (Handed out on March 17)

March 31, Test 2

April 2, No class, Honors Day

April 7, No class, preparation for case study presentations

April 9, 14, 16

Group Case Study Presentations (**Written case study paper due on April 21**)

April 21

Quality Assurance for Nutrition Care Services
Health care payment systems

April 23

Dysphagia, Sue Ford, MA, CCC-SLP, Speech-language Pathologist

- 1) Evaluation of Dysphagia
- 2) Dietary Treatment of Dysphagia

Reading Assignment: Handouts: The National Dysphagia Diet.

April 28, Review

Final Exam: Wednesday April 30, 12-3 PM

