

0LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		09-46d.	AP-2/18/10	App-4/20/10

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Susan S. Dahlheimer	Email Address ssdahl@iup.edu
Proposing Department/Unit Department of Food and Nutrition	Phone 7-4440

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. C course Proposals (check all that apply)

New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change
 Course Amnesty Proposal

<u>Current</u> Course prefix, number and full title FDNT 355 Nutrition in Disease I	<u>Proposed</u> course prefix, number and full title, if changing FDNT 355 Medical Nutrition Therapy I
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2. Additional Course Designations: check if appropriate

This course is also proposed as a Liberal Studies Course. Other: (e.g., Women's Studies, Pan-African)
 This course is also proposed as an Honors College Course.

3. Program Proposals

New Degree Program Program Title Change Other
 New Minor Program New Track
 Catalog Description Change Program Revision

<u>Current</u> program name	<u>Proposed</u> program name, if changing
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4. Approvals		Date
Department Curriculum Committee Chair(s)	<i>Rita Johnson</i>	12/15/09
Department Chair(s)	<i>Susan Dahlheimer</i>	12/15/09
College Curriculum Committee Chair	<i>Jeffrey Miller</i>	12-16-09
College Dean	<i>Barbara J. Zoni</i>	12.17.09
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail S. Sedquist 3-29-10</i>	Received JAN 04 2010

* where applicable

SYLLABUS OF RECORD

I. Catalog Description

FDNT 355 Medical Nutrition Therapy I

Prerequisites: Grade of C or higher in FDNT 212, and BIOL 155 or BIOL 150/151

3 class hours

0 lab hours

3 credits

(3c-0l-3cr)

Interpretation of anthropometric, laboratory, clinical, and dietary data in nutrition assessment. Pathophysiology of and evidence based medical nutrition therapy for caloric imbalance, diabetes, and cardiovascular diseases. Use of food exchange systems in diet prescription and menu planning.

II. Course Outcomes

Students will be able to:

1. Describe and demonstrate the correct techniques for nutrition assessment and screening.
2. Explain the nutrition care process and apply it in treating caloric imbalances, diabetes, and cardiovascular diseases.
3. Read and interpret data in the medical record.
4. Make an accurate nutrition diagnosis.
5. Document nutrition care using standard language.
6. Describe the physiological and anatomical changes which necessitate dietary intervention in caloric imbalance, diabetes, and cardiovascular diseases.
7. Explain the rationale for evidence-based medical nutrition therapy for caloric imbalance, diabetes, and cardiovascular diseases.
8. Use the nutrition care process to diagnose and treat caloric imbalance, diabetes, and cardiovascular diseases.
9. Use the Exchange System and nutrient composition tables to calculate diet prescriptions for the following modifications, taking into account specific individual cultural, psycho-social, and economic factors, and write a sample menu to meet these criteria:
 - a. low calorie/high calorie
 - b. carbohydrate modification
 - c. fat modification
10. Use correct medical terminology.

III. Basic Course Outline

A. Overview of Evidence-Based Practice in nutrition care and the nutrition care process (2 hours)

B. Nutrition Assessment (9 hours)

1. Nutrition screening
2. Anthropometric measurements
3. Clinical symptoms
4. Laboratory data:
 - Hematology
 - Hydration
 - Acid base balance
 - Immune function
 - Visceral protein status
5. Dietary intake

C. Documentation (3 hours)

1. Progress notes
2. Nutrition diagnosis
3. Nutrition care plan

D. Caloric Imbalances (7 hours)

1. Obesity
2. Underweight
3. Eating disorders

E. Diabetes (9 hours)

1. Noninsulin-dependent diabetes
2. Insulin-dependent diabetes
3. Gestational diabetes

F. Cardiovascular diseases (9 hours)

1. Coronary heart disease
2. Heart failure
3. Hypertension

Three one-hour exams (3 hours)

Final exam (2 hours)