

REQUEST FOR NEW COURSE

1. General Information.

- a. Submitted by the College of: **Agriculture** Today's Date: **09/16/2009**
- b. Department/Division: **Nutrition and Food Science**
- c. Contact person name: **Lisa Gaetke** Email: **lgaetke@email.uky.edu** Phone: **7-1031**
- d. Requested Effective Date: Semester following approval OR Specific Term/Year¹: _____

2. Designation and Description of Proposed Course.

- a. Prefix and Number: **NFS 517**
- b. Full Title: **Medical Nutrition Therapy II**
- c. Transcript Title (if full title is more than 40 characters): **Medical Nutrition Therapy II**
- d. To be Cross-Listed² with (Prefix and Number): _____
- e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours³ for each meeting pattern type.

3 Lecture Laboratory¹ Recitation Discussion Indep. Study
 Clinical Colloquium Practicum Research Residency
 Seminar Studio Other – Please explain: _____

- f. Identify a grading system: Letter (A, B, C, etc.) Pass/Fail
- g. Number of credits: **3**
- h. Is this course repeatable for additional credit? YES NO
- If YES: Maximum number of credit hours: _____
- If YES: Will this course allow multiple registrations during the same semester? YES NO

- i. Course Description for Bulletin: **This course continues study of medical nutrition therapy topics, including trauma and enteral and parenteral nutrition. Content includes more advanced case study evaluations, medical nutrition therapies, and current research in the field.**

- j. Prerequisites, if any: **NFS 512 and concurrent with NFS 514 and enrollment is limited to dietetics majors.**
- k. Will this course also be offered through Distance Learning? YES⁴ NO
- l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both
3. Will this course be taught off campus? YES NO

¹ Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

² The chair of the cross-listing department must sign off on the Signature Routing Log.

³ In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, represents at least two hours per week for a semester for one credit hour. (from SR 5.2.1)

⁴ You must *also* submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.

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4. Frequency of Course Offering.

a. Course will be offered (check all that apply): Fall Spring Summer

b. Will the course be offered every year? YES NO

If NO, explain: _____

5. Are facilities and personnel necessary for the proposed new course available? YES NO

If NO, explain: _____

6. What enrollment (per section per semester) may reasonably be expected? 40+

7. Anticipated Student Demand.

a. Will this course serve students primarily within the degree program? YES NO

b. Will it be of interest to a significant number of students outside the degree pgm? YES NO

If YES, explain: _____

8. Check the category most applicable to this course:

Traditional – Offered in Corresponding Departments at Universities Elsewhere

Relatively New – Now Being Widely Established

Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program? YES NO

If YES, name the proposed new program: _____

b. Will this course be a new requirement⁵ for ANY program? YES NO

If YES⁵, list affected programs: Dietetics

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500? YES NO

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identification of additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR 3.1.4.)

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached.

⁵ In order to change a program, a program change form must also be submitted.

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Signature Routing Log

General Information:

Course Prefix and Number: NFS 517

Proposal Contact Person Name: Hazel Forsythe Phone: 7-4146 Email: nfshazel@email.uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Dietetics Faculty	09/04/2009	Hazel Forsythe / 7-4146 /	<i>Hazel Forsythe</i>
Undergraduate Curriculum Meeting	09/04/2009	Tammy Stephenson / 7-2353 / tjhann00@uky.edu	<i>Tammy Stephenson</i>
NFS Dept. Faculty	09/04/2009	Janet Kurzynske / 7-5135 / jkurzyns@email.uky.edu	<i>Janet Kurzynske</i>
<i>Undergrad Curr Comm</i>	<i>10/16/2009</i>	<i>Larry Grabau 17-1885</i> <i>lgrabau@</i> <i>email.uky.edu</i>	<i>Larry J. Grabau</i>
<i>Grad Curr Comm</i>	<i>10/16/2009</i>	<i>Larry Grabau 17-1885</i> <i>lgrabau@</i> <i>email.uky.edu</i>	<i>Larry J. Grabau</i>

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ⁶
Undergraduate Council	3/30/2010		
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

⁶ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

NFS 517
MEDICAL NUTRITION THERAPY 2
3 credits
COURSE SYLLABUS - FALL, 20__

Faculty: Lisa Gaetke, Ph.D., R.D., L.D.
Office: 119 Funkhouser Building
Phone: (859) 257-1031
FAX: (859) 257-3707
Email: lgaetke@email.uky.edu

Class: MW, 9:00 to 10:15 am, Erikson Hall (EH) 203
Office Hours: Tuesdays, 10:00 to 12:00 p.m.

Required Textbooks:

1. Mahan LK and S. Escott-Stump: *Krause's Food & Nutrition Therapy*. 12th edition, Saunders Elsevier, Philadelphia, PA, 2008.
2. Nelms MN, S. Long S, and K. Lacy: *Medical Nutrition Therapy, A Case Study Approach* (3rd edition), Wadsworth, Cengage Learning, 2009.

Recommended Texts/References:

1. Pronsky, Zaneta: *Powers & Moore's Food Medication Interactions*. 15th edition, Food-Medications Interactions, Pottstown, PA, 2008.
2. Tilkian SM, MB Conover, and AG Tilkian *Clinical & Nursing, Implications of Laboratory Tests*, 5th edition, Mosby-Year Book, Inc. St. Louis, MO, 1995.
3. Nelms M, K Sucher, and S Long: *Nutrition Therapy and Pathophysiology*. Thomson Brooks/Cole, Belmont, CA, 2007.
4. Shils ME, M Shike, AC Ross, B Caballero, and RJ Cousins: *Modern Nutrition in Health and Disease*. 10th edition, Lippincott Williams & Wilkins, Philadelphia, 2005.

Course Description:

NFS 513: This course continues study of medical nutrition therapy topics, including trauma and enteral and parenteral nutrition. Content includes more advanced case study evaluations, medical nutrition therapies, and current research in the field.

Prerequisites: NFS 512 and concurrent with NFS 514 and enrollment is limited to dietetics majors.

Course Objectives: Upon completion of this course, students will have proficient knowledge and understanding of advanced issues in medical nutrition therapy, so that they will be well prepared for an American Dietetic Association (ADA) internship, supervised practice program, and the Registered Dietitian (RD) credentialing exam.

Student Learning Outcomes:

Upon completion of this course, students will be able to:

1. Apply knowledge of human physiology and pathophysiology, biochemistry, and normal nutrition to determine nutrition implications and interventions for more advanced disease states.
2. Apply knowledge of food composition to analyze and formulate medical nutrition therapy.
3. Apply the Nutrition Care Process, including nutrition assessment, nutrition diagnosis, nutrition intervention and monitoring and evaluation for individuals with more advanced disease states.
4. Apply knowledge of medical nutrition therapy to cases with multiple diagnoses.
5. Devise medical nutrition therapy for patients with extraordinary nutritional needs.
6. Identify research journals and apply current research information to dietetic practice.

Foundation Knowledge and Competencies – Dietitian Education:**1: Scientific and Evidence Base of Practice: integration of scientific information and research into practice.**

KR 1.1. The curriculum must reflect the scientific basis of the dietetics profession and must include research methodology, interpretation of research literature and integration of research principles into evidence based practice.

2: Professional Practice Expectations: beliefs, values, attitudes and behaviors for the professional dietitian level of practice.

KR 2.1. The curriculum must include opportunities to develop a variety of communication skills sufficient for entry into pre-professional practice.

KR 2.3 The curriculum must include opportunities to understand governance of dietetic practice, such as the ADA Scope of Dietetics Practice Framework, the Standards of Professional Performance, and the Code of Ethics for the Profession of Dietetics; and interdisciplinary relationships in practice settings.

3: Clinical and Customer Services: development and delivery of information, products and services to individuals, groups and populations.

KR 3.1. The curriculum must reflect the nutrition care process and include the principles and methods of assessment, diagnosis, identification and implementation of interventions and strategies for monitoring and evaluation.

KR 3.2 The curriculum must include the role of the environment, food, nutrition, and lifestyle choices in health promotion and disease prevention.

KR 3.3. The curriculum must include education and behavior change theories and techniques.

5. Support Knowledge: knowledge underlying the requirements specified above.

SK 5.2. The physical and biological science foundation of the dietetics profession must be evident in the curriculum. Course content must include organic chemistry, biochemistry, physiology, genetics, microbiology, pharmacology, statistics, nutrient metabolism, and nutrition across the lifespan.

SK 5.3. The behavioral and social science foundation of the dietetics profession must be evident in the curriculum. Course content must include concepts of human behavior and diversity, such as psychology, sociology or anthropology.

SACS Accreditation

Our accreditation association and policy of the Graduate School require that there be different assignments and grading criteria for undergraduate students and graduate students in 400G and 500-level courses. For that reason, you will find differences in course requirements and/or grading criteria in this class, posted in this syllabus.

Student Responsibilities and Outcomes Assessment Measures

The course will be taught using lectures and case study presentations. Reading text assignments prior to class will be important to your comprehension and application of course material. Outside references will be needed for completing case study presentations.

Undergraduate and Graduate students will be responsible for:

I. Class Activities

Assigned readings - including contributions to class discussions.

Case Study - group oral presentation of a case study. More guidelines provided in class.

Written copy of presentation (can be transparencies used in presentation) due after oral presentation.

Case Study questions, medical chart notes, assignments - unannounced or due dates given in class

II. Exams

Non-cumulative - 3 exams at 100 points each
- 3rd exam given on final exam date

III. Grades

Case study presentation:	1 at 100 points	100	(20%)
Unannounced points from case studies		100	(20%)
Exams:	3 at 100 points each	<u>300</u>	(60%, each 20%)
TOTAL POINTS POSSIBLE		500	

IV. Graduate students will also be responsible for:

Written case study - chose one of the diseases or conditions from class discussions and write a new case study complete with labs, questions on the disease (as in the case study textbook), and answers. 100 points

TOTAL POINTS POSSIBLE 600

V. Grading Scales

<u>Undergraduate</u>		<u>Graduate</u>	
A = 90% +	(448-500 pts.)	A = 90% +	(537-600 pts.)
B = 80-89%	(398-447 pts.)	B = 80-89%	(477-536 pts.)
C = 70-79%	(348-397 pts.)	C = 70-79%	(417-476 pts.)
D = 60-69%	(298-347 pts.)		

VI. Attendance

Students are required to attend all class sessions, and are responsible for all material presented in class, on Blackboard for NFS 517, and in assigned readings in the required textbooks. Students must submit documentation for all absences. Attendance will be taken into consideration when determining borderline grades.

You are required to call my office if illness or unforeseen circumstances cause you to miss a lecture (257-1031), or the NFS office if you are unable to reach me (257-3800).

Make-up exams will be given in cases of documented excused absences only.

VII. Class Activities

All class assignment deadlines are to be met on the days stated in the syllabus. Assignments will be collected at the beginning of class on that date unless you have an excused absence. **NO late assignments will be accepted. Case studies and assignments must be turned in as a hard copy.** Case study assignments (completed individually) will not be accepted after presentation of the case study in class. For other assignments, there will be a 20% decrease in the assignment grade for each calendar day late, and they will not be accepted beyond 5 calendar days after the due date.

Any word processing on assignments should be enlarged print (24 + pt. type) for presentations, 12 pt. type (which is the print size of this syllabus) for all other assignments, except calculations may be handwritten.

VIII. Instructional Strategies

This course will consist of lecture sessions of approximately 1½ hours each Monday and Wednesday. The course content will be delivered by lecture, power point, overheads, and films/videotapes. Students will also be using Blackboard to access important course information and handouts. It is expected that students will check Blackboard at least three times per week for any announcements or any new information that may have been posted.

IX. Exams

The exams will cover the main aspects of the course presented before each exam. All exams except the final will be administered at class time. All exams are to be completed on the designated date and at the designated time.

Make-up exams will be given in case of excused absences only.

The form and time of all make-up exams will ultimately be determined by the instructor. The final exam will be conducted as stated in the university schedule book.

X. Academic Integrity

Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: plagiarism (copying or using someone else's work as your own – intellectual theft), utilization of unauthorized materials during academic evaluations, and giving or receiving unauthorized assistance during evaluations. Even evidence of inadvertent improper use of materials can result in a charge of academic dishonesty.

Penalties for academic dishonesty vary depending on the severity of the offense and any previous offenses. The minimum penalty for a first offense is a zero on the assignment in question. Depending on the severity of the infraction, an assignment of extra coursework, a course grade reduction, or the assignment of an E or XE grade for the course may also be imposed.

For more information, see Part II, Section 6.3.0 of "The Code of Student Conduct" which can be viewed online at <http://www.uky.edu/StudentAffairs/Code/part2.html>. You may also want to visit the Academic Ombud's website: <http://www.uky.edu/Ombud>. There you will find a paper "Plagiarism: What is it?" and an online tutorial entitled "How to avoid plagiarism."

XI. Instructional Accommodations:

Students with documented disabilities that require academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754) for coordination of campus disability services available to students with disabilities.

NFS 517 Tentative Class Schedule

DATE	TOPIC	READING*	CASE STUDY PRESENTATION#
	Introduction/Medical charting		
	Nutrition Care Process	ME 17	
	Nutrition Assessment	ME 14-15	
	MNT protocols		Nutrition Assessment
	Drug-Food Interactions	ME 16	
	Advanced Enteral/Parenteral Nutrition		Diet Manual Assignment
	Stress/critical care	ME 39	
	Stress		Pancreatitis
	Exam #1 (8/00-9/00)		
	Thermal Injury	ME 39	
	Cancer	ME 37	
	Cancer		Lymphoma with chemo
	HIV	ME 38	
	(Midterm Evaluation to date)		
	Neurologic Disorders	ME 41	AIDS
	Neurologic Disorders		
	Pediatrics/Inborn	ME 44	Alzheimer's Disease
	Errors of Metabolism		
	Inborn Errors of Metabolism		Cystic Fibrosis
	Exam #2 (10/00-11/00)		
	Congestive Heart Failure	ME 34	
	Rheumatic Disease	ME 40	CHF/Cardiac Cachexia
	Rheumatic Disease		
	Case study presentations		Type 1 Diabetes
	Case study presentations		Polycystic Ovarian Syndrome
	Case study presentations		Crohn's Disease
	Case study presentations		Renal transplant
	Case study presentations, Review		Traumatic Brain Injury

00/00/20__ FINAL EXAM (4/10-4/26) (Friday, May _ at 8:00 am, EH 203)

*ME = Mahan & Escott-Stump

= Nelms MN et al.: *Medical Nutrition Therapy, A Case Study Approach*

UNIVERSITY SENATE ROUTING LOG

Proposal Title:

Contact Person (name, email & phone #):

Instruction: To facilitate the processing of this proposal please identify the groups or individuals reviewing the proposal, identify a contact person for each entry, provide the consequences of the review (specifically, approval, rejection, no decision and vote outcome, if any) and please attach a copy of any report or memorandum developed with comments on this proposal.

Reviewed by: (Chairs, Directors, Faculty Groups, Faculty Councils, Committees, etc.)	Contact person Name (phone/email)	Consequences of Review:	Date of Proposal Review	Review Summary Attached? (yes or no)
NFS Curriculum Committee	Tammy Stephenson tjham00@uky.edu 72353	approved	9/4/09	minutes
NFS Department	Danet Skurzynske skurzyns@uky.edu 73800	approved	9/18/09	minutes
Anderson Curr Comm, CoA	Larry Grob 71685 lgroba04@uky.edu	approved	10/16/09	no