



### APPLICATION FOR NEW COURSE

1. Submitted by the College of Health Sciences Date: October 8, 2007

Department/Division proposing course: Clinical Nutrition

2. Proposed designation and Bulletin description of this course:

a. Prefix and Number CNU 612

b. Title\* Assessment Skills for the Clinical Nutritionist

\*If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts:

Assess Skills Clin Nutr

c. Courses must be described by at least one of the categories below. Include the number of actual contact hours per week for each category, as applicable.

- () CLINICAL    () COLLOQUIUM    () DISCUSSION    () LABORATORY    () LECTURE
- () INDEPEND. STUDY    () PRACTICUM    () RECITATION    () RESEARCH    () RESIDENCY
- () SEMINAR    () STUDIO    () OTHER – Please explain: \_\_\_\_\_

d. Please choose a grading system:  Letter (A, B, C, etc.)     Pass/Fail

e. Number of credit hours: 2

f. Is this course repeatable?    YES     NO     If YES, maximum number of credit hours: \_\_\_\_\_

g. Course description:

The goal of this course is to provide the Clinical Nutrition masters student with the skills necessary to elicit a comprehensive medical history, perform basic physical examination techniques appropriate for nutritional assessment, evaluate and interpret laboratory test results, and systematically report their findings in appropriate oral and written formats.

h. Prerequisite(s), if any:

Admission into the Center for Nutritional Sciences Masters with emphasis in Clinical Nutrition or by consent of instructor

i. Will this course be offered through Distance Learning?    YES     NO

If YES, please circle one of the methods below that reflects how the majority of the course content will be delivered:

- Internet/Web-based
- Interactive video
- Extended campus
- Kentucky Educational Television (KET/teleweb)
- Other

Please describe "Other": \_\_\_\_\_

3. Teaching method:  N/A    or     Community-Based Experience     Service Learning Component     Both

4. To be cross-listed as: \_\_\_\_\_

Prefix and Number

Signature of chair of cross-listing department

# APPLICATION FOR NEW COURSE

5. Requested effective date (term/year): Fall / 2008
6. Course to be offered (please check all that apply):  Fall  Spring  Summer
7. Will the course be offered every year?  YES  NO  
If NO, please explain: \_\_\_\_\_
8. Why is this course needed?  
Dietitians work directly with physicians and other primary care providers, and provide dietary recommendations which are based on meeting treatment goals set by these providers. Establishing a basic knowledge of physical examination techniques and terminology and possible findings, as well as improving understanding of laboratory test results and their interpretation will enhance the dietitian's ability to communicate effectively with and better meet the needs of the care providers with whom they work and to ultimately provide the best care possible for supporting patient needs.  
\_\_\_\_\_
9. a. By whom will the course be taught? Gilbert A. Boissonneault, Ph.D., PA-C
- b. Are facilities for teaching the course now available?  YES  NO  
If NO, what plans have been made for providing them?  
\_\_\_\_\_
10. What yearly enrollment may be reasonably anticipated?  
5-10
11. a. Will this course serve students primarily within the department?  Yes  No
- b. Will it be of interest to a significant number of students outside the department?  YES  NO  
If YES, please explain.  
\_\_\_\_\_  
\_\_\_\_\_
12. Will the course serve as a University Studies Program course<sup>†</sup>?  YES  NO  
If YES, under what Area? \_\_\_\_\_  
<sup>†</sup>AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.
13. Check the category most applicable to this course:
- traditional – offered in corresponding departments at universities elsewhere
- relatively new – now being widely established
- not yet to be found in many (or any) other universities
14. Is this course applicable to the requirements for at least one degree or certificate at UK?  Yes  No
15. Is this course part of a proposed new program?  YES  NO  
If YES, please name: \_\_\_\_\_

## APPLICATION FOR NEW COURSE

16. Will adding this course change the degree requirements for ANY program on campus?  YES  NO  
 If YES<sup>†</sup>, list below the programs that will require this course:

Nutritional Sciences Masters Program with Clinical Nutrition Emphasis

<sup>†</sup>In order to change the program(s), a program change form(s) must also be submitted.

17.  The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached.
18.  Check box if course is 400G or 500.  If the course is 400G- or 500-level, you must include a syllabus showing differentiation for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)

19. Within the department, who should be contacted for further information about the proposed new course?

Name: Gilbert A. Boissonneault, Ph.D., PA-C Phone: 3-1100 x 80857 Email: gaboiss@uky.edu

20. Signatures to report approvals:

12/19/07  
DATE of Approval by Department Faculty

Karen O. Staff, Ph.D.  
printed name      Reported by Department Chair      signature  
323-1100 x 80585

2-05-08  
DATE of Approval by College Faculty

Sharon Stewart      Sharon Stewart  
printed name      Reported by College Dean      signature

\* DATE of Approval by Undergraduate Council

/  
printed name      Reported by Undergraduate Council Chair      signature

\* DATE of Approval by Graduate Council

/  
printed name      Reported by Graduate Council Chair      signature

\* DATE of Approval by Health Care Colleges Council (HCCC)

/  
printed name      Reported by Health Care Colleges Council Chair      signature

\* DATE of Approval by Senate Council

/  
Reported by Office of the Senate Council

\* DATE of Approval by University Senate

/  
Reported by Office of the Senate Council

\*If applicable, as provided by the *University Senate Rules*. (<http://www.uky.edu/USC/New/RulesandRegulationsMain.htm>)

## APPLICATION FOR NEW COURSE

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Name: Gilbert A. Boissonneault, Ph.D., PA-C Phone: 3-1100 x 80857 Email: gaboiss@uky.edu

20. Signatures to report approvals:

12/19/07  
 DATE of Approval by Department Faculty

Joseph Brueckner  
4-28-08  
 DATE of Approval by College Faculty

3-10-08  
 \* DATE of Approval by Undergraduate Council

\* DATE of Approval by Graduate Council

\* DATE of Approval by Health Care Colleges Council (HCCC)

\* DATE of Approval by Senate Council

\* DATE of Approval by University Senate

John Laddis, GCNS Lisa Cassis  
Aren O. Staff, Ph.D.

323-1100 x 80857 Reported by Department Chair

Jay A Perman, MD Ty few 4-29-08  
 Reported by College Dean

Darrell Senning, MD Curriculum Committee  
 Reported by Undergraduate Council Chair

/ Reported by Graduate Council Chair

/ Reported by Health Care Colleges Council Chair

Reported by Office of the Senate Council

Reported by Office of the Senate Council

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## CNU 612

### ASSESSMENT SKILLS FOR THE CLINICAL NUTRITIONIST

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**Lecture:** 1 hour per week

**Laboratory:** 2 hours per week

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**Course Instructor:**

Gilbert A. Boissonneault, Ph.D., PA-C  
Division of Clinical Nutrition  
209C Wethington Building  
CAMPUS 0200  
859-323-1100 ext 80857  
[gaboiss@uky.edu](mailto:gaboiss@uky.edu)

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Dietitians work with physicians and other health care providers on a daily basis, making recommendations for nutritional support on the basis of the patient's medical history and the health care provider's diagnoses. As well, dietitians read chart entries and directly interact with physicians to gather sufficient information to make optimal nutrition recommendations. In addition to competency in nutritional assessment, it is important, that the dietitian understand the basis of the medical history and physical examination.

The goal of this 2 hour course is to provide the Clinical Nutrition student with the skills necessary to elicit a comprehensive medical history, perform a basic physical examination, and systematically orally report and chart their findings.

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#### Course Format

Lectures:

Assigned readings must be completed BEFORE the pertinent lecture/lab begins. The format and content of the lectures are designed to:

- Review physical exam techniques covered in the text
- Discuss common findings in normal and pathological conditions
- Highlight "special" examination maneuvers

You are responsible for material covered in all assigned readings as well as materials presented in lecture and laboratory sessions; all of this information may be used in the examinations. Lecture handout materials will be sent by electronic mail or placed on the Blackboard site and students are expected to print these out prior to the lecture. Students

are responsible for checking their e-mail for handouts and course information on a regular basis.

#### Laboratories:

Demonstration and practice sessions for physical examination techniques will take place according to the lecture schedule listed in this syllabus. Performance of examination maneuvers will follow the format shown in the Mosby's text and in-laboratory videos and demonstrations. Students will practice exam skills each week on fellow classmates. As such, each student will take turns acting as both "examiner" and "patient." Exams may be videoed/taped for purposes of review and evaluation.

Body exposure will be necessary to properly perform selected parts of the exam. Students will, therefore, need to come to laboratory sessions with gym shorts and swim tops on those days indicated by the course instructors. Genital/gynecological or breast examination will be excluded from laboratory sessions.

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### **Attendance, Assignments, Exams, and Grading**

#### Attendance:

Absence from scheduled sessions can be disruptive to the entire class since "partners" are assigned weekly. Notify the course instructors in advance if you are unable to attend any of the lectures, labs, or other sessions. An excused absence will be at the discretion of the instructors. Attendance at lab sessions is mandatory and more than one un-excused absence shall result in a one letter-grade reduction for the course.

#### Patient Assignments and Write-Ups:

Three times in the semester you will be assigned to interview acquaintances (Write-Up 1) and hospital patients (Write-Ups 2 and 3) for the purpose of obtaining medical histories and performing physical exams. Formal written reports are to be submitted as specified elsewhere in this syllabus. Sample formats for recording the history and physical will be provided. The hospital/clinic assignments will allow you an opportunity to apply your laboratory skills to patients. It will also assist you in developing skills required for interacting with patients, doctors, nurses, and the clinical environment in general.

Bedside manner and professionalism are just as important as your technical skills. Your physical appearance while in the hospital is extremely important. Clinical waist-length jacket with UK ID badge, instruments, and notepad are required items. Purses, book-bags and other bulky items should not be brought into patient areas. Hospital patients for histories and physical exams are actual medical patients and may be involved in testing or may be in pain or too tired to participate. It is the student's responsibility to return to the patient at a more convenient time. Official UK identification badges must be worn at all times when in patient areas.

First Write-Up: Complete history of a family member or friend

Second Write-Up: Complete history and exam through thorax/lung on hospital patient

Third Write-Up: Complete history and complete exam on hospital patient

Write ups should be submitted by e-mail as an MS Word file. You must use your UKY.EDU e-mail address for this submission. Due dates are listed in the course schedule. Late submissions will be lowered by 5% for each day after the due date.

Clinical Performance Evaluation and Exams:

Student performance will be evaluated in all components of the course. Four graded written examinations will be given according to the schedule listed in this syllabus. Examinations may draw from material in the assigned readings, handouts, lectures or laboratory sessions. Written examinations may contain multiple choice, matching, true/false and short answer questions. Make-up examinations will ONLY be provided for documented excused absences as defined by University Senate Regulations and listed in Student Rights and Responsibilities.

Skill development will be observed and evaluated on a weekly basis by the instructor. In addition, clinical competency will be assessed by completing a physical examination (without genital/breast exam) on a standardized patient during the last laboratory period.

Grading:

Exam 1	16%
Exam 2	16%
Exam 3	16%
Exam 4	24%
Final Clinical Exam	10%
Patient write-up 1	5%
Patient write-up 2	6%
Patient write-up 3	7%
<b>TOTAL</b>	<b>100%</b>

**COURSE GRADING SCALE**

A = 100-90 B = < 90-80 C = <80-70 E = <70

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**Materials**

Required Text:

Seidel, H, et al., Mosby's Physical Examination Handbook, 3<sup>rd</sup> ed., Mosby: St. Louis, 2003.

Equipment:

Each student will be issued a complete set of equipment required for the course. You will be required to sign an agreement to maintain the equipment in good working order and will be assessed fees (listed below) for lost or damaged equipment. Provided equipment will include the following:

Item	Replacement Cost
Pocket pen light	\$5
Disposable pins	
Tongue depressors	
Sphygmomanometer	\$75
Stethoscope	\$75
Tuning forks	\$20
Reflex hammer	\$20
Flexible tape measure	\$15
Snellen eye chart	\$10
Cotton balls/swabs	
Aroma samples	
Oto-ophthalmoscope diagnostic set	\$400
Instrument bag	\$50

### **Academic Integrity, Cheating and Plagiarism and Absence**

Regular attendance at lectures is recommended and at labs is required. Standard University policies regarding excused absences, cheating, incomplete grades and final exams will be followed as contained in the UK Bulletin and Professional Behavior Code. During examinations, no communication with any person other than the instructor or exam proctor is permitted. Violation of this will result in a failure of the exam. Arriving late for an exam will not result in extra time to complete the exam. Late arriving students will not be allowed to enter the room and begin the exam once another student has completed the exam and left the room. Makeup exams will be administered only in cases of excused absences.

“Policies related to excused absences, cheating/plagiarism, withdrawal, incompletes, final exams and common exams can be found in your copy of Student Rights and Responsibilities. Policies are also described in the Nutritional Sciences student handbook. As students and faculty in the University of Kentucky, we are all responsible for adhering to these policies.”

### **Course Schedule**

Lecture/Lab	Topic	Reading
Lecture 1	Introduction, the medical history	
Lab 1	Interviewing skills, the medical history	
Lecture 2	Interviewing skills, the difficult patient	
Lab 2	Interviewing skills	
Lecture 3	Mental status exam, Vital signs	
Lab 3	SOAP notes, Write-ups, MMSE, Vital signs	

Lecture 4      **EXAM 1**  
Lab 4          Review to date

**FIRST PATIENT WRITE-UP DUE**

Lecture 5      Skin, nails, hair  
Lab 5          Skin, nails, hair

Lecture 6      Head and neck, ENT  
Lab 6          Head and neck, nose, oral exam

Lecture 7      Lymphatic and peripheral vascular  
Lab 7          Eyes, lymphatic and peripheral vascular

Lecture 8      **EXAM 2**  
Lab 8          Review to date

Lecture 9      Cardiac  
Lab 9          Cardiac

Lecture 10     Thorax, lung  
Lab 10        Thorax, lung

**SECOND PATIENT WRITE-UP DUE**

Lecture 11     Abdominal  
Lab 11        Abdominal

Lecture 12     **EXAM 3**  
Lab 12        Review to date

Lecture 13     Neurological  
Lab 13        Neurological

Lecture 14     Musculoskeletal, back  
Lab 14        Musculoskeletal, back

Lecture 15     Breast, anus, prostate, genitalia, hernia  
Lab 15        **CLINICAL COMPETENCY ASSESSMENT**

**THIRD PATIENT WRITE-UP DUE**

**FINAL WRITTEN EXAMINATION (Exam 4)**