DEPARTMENT OF FAMILY RELATIONS & APPLIED NUTRITION  
University of Guelph  
FRAN*6610 Advances in Clinical Nutrition /Assessment I – Fall 2013

Classes Monday 11:30-2:20  
MINS 101

Instructor: Paula Brauer  
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Office Hours: by appointment  
CourseLink: Have various resources available/ discussion areas.

Course Description:  
An advanced overview of nutritional assessment and clinical nutrition with emphasis on integration of current evidence and methods in review of and advancement of practice.

Overall Course Objective:  
The graduate students will increase their depth of understanding of nutritional assessment and clinical interventions and management in the Canadian health care context.

Pre-Requisite: A very good knowledge of the biological and pathophysiological rationale for most clinical nutrition interventions is assumed. Students are expected to know basic nutritional assessment methods and clinical nutrition interventions for most common conditions.

Course Format: The course will be highly interactive with practice sessions, presentations and discussion by class members as a main feature. Evaluation will be based on self-reflection, peer review, presentations and individual and group written assignments.

Responsibilities of Instructor: To guide students in their development of skills in generating and using evidence to advance clinical nutrition and assessment practice.

Responsibilities of Student: Students will prepare for and attend class and participate fully in discussion and assignments. Projects that are based on the individual’s work are to be worked on independently. Students are also responsible for supporting the learning of fellow students.

Performance Objectives:  
With the completion of this course students will:

1. Demonstrate mastery of core knowledge, practice guidelines and clinical counseling tools related to nutrition management of selected conditions including diabetes, cardiovascular risk conditions and selected other conditions in Canada.

2. Develop their understanding of the theoretical basis for clinical nutrition therapy and management.
3. Develop an understanding of new innovations in health care services and the implications for application to clinical nutrition services.
4. Demonstrate excellent oral communication skills for the health provider and researcher audiences.
5. Demonstrate excellent writing and reviewing skills for the health provider and researcher audiences.

Evaluation:
A. Development of Practice Support Package
This project will consist of groups of students (2 per group) developing a review and counseling support package for fellow students on the evidence, and typical approaches used to deal with common issues in clinical dietetics. These topics will be assigned.

1. Oral presentation           10%
2. Powerpoint summary of core content       10%
3. Package content for practice support (written package)    25%

B. Developing Skills in Critical Appraisal for Practice/Research
The project will consist of a systematic review of primary research on a focused question within the topic to yield 10-20 primary studies using Cochrane style systematic literature review methods. Each person will choose a different topic.

1. Outline and description of topic and search strategy      10%
2. Peer review of final paper          10%
3. Final paper              35%

RULES AND REGULATIONS
NOTE: Late written work will be accepted up to 3 days with 10% per day penalty (unless accompanied by a medical note). Papers are NOT accepted after 3 days overdue.

The professor reserves the right to adjust the class/seminar schedule as required, as long as students are provided adequate notice.

E-mail Communication
As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

When You Cannot Meet a Course Requirement
When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course in writing, with your name, id#, and e-mail contact. See the graduate calendar for information on regulations and procedures for Academic Consideration:
http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1400.shtml

Fall 2013 – Paula Brauer
Drop Date
The last date to drop one-semester courses, without academic penalty, is DATE HERE. Two-semester courses must be dropped by the last day of the add period in the second semester. Refer to the Graduate Calendar for the schedule of dates:
http://www.uoguelph.ca/registrar/calendars/graduate/current/sched/sched-dates-f10.shtml

Academic Misconduct
The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. The Academic Misconduct Policy is detailed in the Graduate Calendar:
http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1687.shtml

Recording of Materials
Presentations which are made in relation to course work—including lectures—cannot be recorded in any electronic media without the permission of the presenter, whether the instructor, a classmate or guest lecturer.

Resources
The Graduate Calendar is the source of information about the University of Guelph’s procedures, policies and regulations which apply to graduate programs:
http://www.uoguelph.ca/registrar/calendars/graduate/current/

Recording of Materials
KEY to Location
R = Library Reserve – books or subscriber journal articles
F = faculty personal copy
D2L = document or link on D2L site.

Software to Know
NOTE: Students are strongly encouraged to sign up for a RefWorks tutorial or webinar if they are not already familiar with this bibliographic software.
http://www.refworks.com/content/webinars/default.asp#RefWorksFundamentals

General Resources
1. F Pronsky’s Food Medication Interactions. 15th edition. (Faculty copy)
2. D2L American Dietetic Association and Morrison Health Care. Medical Nutrition Therapy Across the Continuum of Care, 2nd ed. And Supplement. Care Guides. Chicago:

3. D2L Hamilton Regional Laboratory Medicine Program Laboratory Reference Centre Manual At: http://lrc.stjoes.ca/search.asp?TestFind=


September 9: Overview of Systematic Reviews and PEN

1. Health Literacy Knowledge Pathway

2. PEN Writers guide:

September 16th: More Review Methods/Metabolic Syndrome Review

3. D2L Brauer P, Royall D, Chouinard L, O'Young O. Dietary Management of Metabolic Syndrome Resources for Medical Nutrition Therapy by Registered Dietitians
6. D2L Excel QA Tool (developed by O OYoung)

October 7th Facilitation – Anne Bergen


Nov 11th – Health system reform


Nov 18th and Nov 25th (others may be added) Current Issues in Assessment and Counselling (not covered elsewhere)


