



COLLEGE of SOCIAL AND APPLIED HUMAN SCIENCES

DEPARTMENT OF FAMILY RELATIONS
AND APPLIED NUTRITION

NUTR*1350 - Aging and Nutrition COURSE OUTLINE – WINTER 2024

1. CALENDAR DESCRIPTION

This course provides an in-depth study of the determinants of food intake and nutrient recommendations for aging adults. Specific consideration will be given to eating environments and physiological changes that influence access, preparation, and consumption of food by older adults living in the community and in facilities. An emphasis will be placed on chronic disease prevention and management.

Credit Weight:	0.5 credits
Course Hours:	3-0 (36 lecture; 0 lab/seminar)
Pre-Requisite(s):	1 of NUTR*1010, NUTR*2150, NUTR*3210
Co-Requisites(s):	
Restriction(s):	NUTR*2070

2. COURSE DESCRIPTION

This course explores in-depth the interrelationships between components of nutritional intake, medications, 'health', and disease prevention and management among older adults. Emerging understanding of changing macro and micronutrient requirements for aging will be covered. Specific consideration will be given to psycho-social and physiological changes that influence access, preparation, and consumption of food by older adults living in the community and in facilities in Canada. An emphasis is placed on chronic disease mediation, with a specific focus on emerging research relating to the potential for nutrition to influence disease and quality of life.

3. TIMETABLE

Lecture:	
Location:	
Final Exam:	TBA

4. INSTRUCTIONAL SUPPORT

Course Instructor:	Joan Jory RD MSc PhD
Email:	jjory@uoguelph.ca mailto:email@uoguelph.ca
Telephone:	519-824-4120 ext. N/A
Office:	MACS 335
Office Hours:	T.B.D. after in-class discussion

Teaching Assistant: Nicole Hendriks
Email: hendrikn@uoguelph.ca
Office: N/A
Office Hours: N/A

5. LEARNING RESOURCES

Required Resource(s):

No required text

Recommended Resource(s):

Keller, H.H. Aging Well with Nutrition. Either 1st Ed (2009) or 2nd Ed (2013) may be used. Available at the University of Guelph Bookstore for purchase. **A copy of the 2nd Edition (2013) will be put on Reserve at the McLaughlin Library**

6. LEARNING OUTCOMES

At the completion of the course, successful students will be able to:

1. Identify and prioritize client-centred goals for prevention and management of chronic disease.
2. Describe and apply methods of nutrition screening and assessment for older adults.
3. Plan client-centred nutrition interventions for older adults.
4. Identify and describe relevant resources, tools and services to guide dietetic practice and support older adults and family caregivers in optimal aging.

7. TEACHING AND LEARNING ACTIVITIES

Week	Topics	Assigned Readings & Guest Speakers	Notes & Due Dates
1 (08.01)	Theories of aging, demographics of aging. How is nutrition involved	Chapter 1 Dr Kim Wilson	
2 (15.01)	The physiology of aging and metabolism; Nutrition assessment and recommendations	Chapter 2-3	
3 (22.01)	Nutrient recommendations Micronutrients of concern	Chapter 2-3	
4 (29.01)	Micronutrients of concern Assignment – Group work	Chapter 2-3	Quiz #1 (covers Week 1,2, 3 slides and lecture content)
5 (05.02)	Chronic Diseases & Nutrition - Pt 1	Chapter 4	Assignment - Part 1 Deadline
6 (12.02)	Chronic Diseases & Nutrition - Pt 2	Chapter 4	

Week	Topics	Assigned Readings & Guest Speakers	Notes & Due Dates
7 (19.02)	SPRING BREAK	NO CLASSES	
8 (26.02)	Medications and Supplements	Chapter 5	Quiz #2 (covers Week 4,5, 6 slides & lecture content)
9 (4.03)	Older Adults in the Community	Chapter 5, 6	Assignment - Part 2 - DUE
10 (11.03)	Long Term Care Nutrition	Chapter 8	
11 (18.03)	Dementia, neurocognitive disease	Chapter 7	Quiz #3 (covers Week 8,9, 10 slides & lecture content)
12 (25.03)	Dysphagia and artificial nutrition End of Life & Nutrition	Chapter 9, 10 David Beattie - SLP	
13 (01.04)	Final Cumulative test		Quiz #4 (cumulative; especially Weeks 11, 12)

Note: This is a tentative schedule; however, due to various unknown factors there may be changes. Any changes will be announced during class and an announcement will be posted on the CourseLink site.

8. ASSESSMENT DETAILS

Assessment	LOs Addressed	Due Date	% of Final
Quiz 1 (weeks 1,2,3)	1,2,3,4	January 29	15%
Assignment – Part 1	4	February 5	10%
Quiz 2 (weeks 4,5,6)	1,2,3,4	February 26	15%
Assignment - Part 2	4	March 4	20%
Quiz 3 (weeks 8,9,10)	1,2,3,4	March 18	15%
Final cumulative test (all weeks)	1,2,3,4	April 1	25%
Total:			100%

9. COURSE STATEMENTS

Course Website:

There is a course website at <http://courselink.uoguelph.ca>. All course components will be housed on the CourseLink site including this course outline, assignments, and links to resources. Assignments will be submitted through the Dropbox function. Marks and feedback will also be released on the site.

Important information will be posted regularly on the Announcements in the Courselink site. Please familiarize yourself with this website as soon as possible, and **visit it daily** throughout the semester to ensure important information is not missed.

Email etiquette: Please keep email for issues of a personal nature. Course content, test or assignment-related questions should be posted on the Discussion Boards. The discussion boards are monitored daily by Dr J and the TAs.

Late Assignments:

Late assignments will be accepted for **up to 5 days** after the due date AND will receive a penalty of **10% per day EXCEPT if** are documented grounds for medical or compassionate consideration. Assignments submitted more than one week late without documented grounds will receive a grade of zero. If you are going to hand an assignment in late, you must contact your course instructor to inform them when you will be submitting your assignment and submit your documentation for medical or compassionate grounds.

Receipt of Grades:

After you receive a grade on CourseLink, please review your feedback. Any inquiry or dispute over the grade must be made within two weeks from the date they are posted. If you fail to protest any grade during this time limit, changes to the grade will not be considered. [Grades will be based on the Grading Procedures outlined in the Undergraduate Calendar.](#) Final grades are released to students by the Registrar, on Webadvisor.

Turnitin Software:

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph.

All submitted assignments will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

A major benefit of using Turnitin is that students will be able to educate and empower themselves in preventing academic misconduct. In this course, you may screen your own assignments through Turnitin as many times as you wish before the due date. You will be able to see and print reports that show you exactly where you have properly and improperly referenced the outside sources and materials in your assignment.

10. UNIVERSITY STATEMENTS

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 instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the Undergraduate Calendar for information on regulations and procedures for [Academic Consideration](#).

Drop date:

Courses that are one semester long must be dropped by the end of the last day of classes; two-semester courses must be dropped by the last day of classes in the second semester. The regulations and procedures for [Dropping Courses](#) are available in the Undergraduate Calendar.

Copies of out-of-class assignments:

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

Accessibility:

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required, however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to make a booking at least 14 days in advance, and no later than November 1 (fall), March 1 (winter) or July 1 (summer). Similarly, new or changed accommodations for online quizzes, tests and exams must be approved at least a week ahead of time.

More information: www.uoguelph.ca/sas

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.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

Instructors **shall not** determine if academic misconduct has occurred. This is up to the Associate Dean Academic's office. Instructors shall not assign a grade of zero even if they believe that the student has committed some form of academic misconduct (e.g., copied material from a website like CourseHero) on an assignment or exam.

Instructors **can** determine if a student has poorly paraphrased and/or improperly cited material and can provide a grade accordingly as long as this is clearly identified as part of the assessment criteria via a rubric or other assessment tools.

For more information about Academic Integrity resources and how to prevent Academic Misconduct see: <https://csahs.uoguelph.ca/faculty-research/hub-teaching-learning-excellence/academic-integrity>

Recording of materials:

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

Resources:

The [Academic Calendars](#) are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.

Disclaimer:

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings, changes in classroom protocols, and academic schedules. Any such changes will be announced via Courselink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination schedules. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

Illness:

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g., final exam or major assignment).

COVID-19 Safety Protocols:

For information on current safety protocols, follow these links:

- <https://news.uoguelph.ca/return-to-campuses/how-u-of-g-is-preparing-for-your-safe-return/>
- <https://news.uoguelph.ca/return-to-campuses/spaces/#ClassroomSpaces>

Please note, that these guidelines may be updated as required in response to evolving University, Public Health or government directives.

Appendix:

For those students enrolled in the Area of Emphasis in Dietetics: The Integrated Competencies for Dietetic Education and Practice (2013; <http://www.pdep.ca/>):

Foundational Knowledge Specifications (FKS) that are met by this course:

Foundational Knowledge Specification	Complexity Level (1, 2, 3)	How FKS is met in this curriculum
N/A		

Performance Indicators (PI) that are met by this course:

Performance Indicator	How PI is met in this curriculum
N/A	