



Course Outline – FN3351B: Clinical Nutrition I

School of Food and Nutritional Sciences

In the event of a COVID-19 resurgence during the course that necessitates the course moving away from in-person delivery, course content may be delivered online either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). There may also be changes to any remaining assessments at the discretion of the course instructor. In the event of a COVID-19 resurgence, detailed information about the impact on this course will be communicated by the Office of the Dean and by the course instructor.

General Information Course

#:FN3351B Section #:530

Lecture 530	Monday	11:30AM- 2:30PM	BR-304
Tutorial 531	Monday	2:30PM-4:00PM	BR-202
Tutorial 532	Monday	4:00PM-5:30PM	BR-202

Term: Winter
Year: 2023
Delivery: In-person

Instructor Information

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Course Description

Introduction to the profession of nutrition and dietetics, medical nutrition therapy and the nutrition care process including modifications of regular diets to meet special nutritional needs, menu planning and documentation of nutritional care.

Prerequisite(s): [Foods and Nutrition 1030E](#) and [Foods and Nutrition 2241A/B](#) or [Foods and Nutrition 1070A/B](#) and [Foods and Nutrition 1241A/B](#), and [Foods and Nutrition 2230A/B](#).

Registration in the Honors Specialization in Nutrition and Dietetics.

Pre-or Corequisite(s): Foods & Nutrition 3344A/B.

Extra Information: 3 lecture hours, 1.5 tutorial hours.

Course Weight: 0.50

*Note: Students who enrolled in the HSp Nutr Diet prior to fall 2019 will be able to complete the module with the previous modular requirements and pre-requisites listed. These include:
Prerequisite(s): Foods and Nutrition 2241A/B. Registration in the Foods and Nutrition or Nutrition and Families modules (Honors Specialization, Specialization, Major, Minor in Foods and Nutrition). Pre-or Corequisite(s): Foods and Nutrition 3344A/B.

Required Course Materials

1. Nelms, M., K.P. Sucher. 2020. Nutrition Therapy & Pathophysiology. 4th edition. Wadsworth, Belmont, California. (Main Text)
 - It is strongly encouraged to review the case studies and review questions within the assigned chapters.
 - *Please ensure you have access to current editions (available online) for Diagnostic and Laboratory References (SI Units will be used for all case studies and class material) and Medical Dictionaries for Health Professionals.*

Optional Course Materials

N/A

Learning Outcomes

Upon successful completion of this course, students will be able to demonstrate the Brescia Competencies as follows:

1. Demonstrating an understanding of the role of the Foods and Nutrition Services in nutrition management of patients/clients. (Inquiry & Analysis; Critical Thinking, Level 4)
2. Demonstrating nutritional interviewing and counseling skills. Identify the nutritional implications of age, economics, physiological and sociocultural characteristics of patients/clients. (Problem Solving Level 4; Interpersonal Communication Level 3; Social Awareness & Engagement Level 3)
3. Assessing the quantity and quality of food available to individuals in hospitals, as well as develop an understanding of normal and therapeutic/modified diets. (Critical Thinking; Problem Solving, Level 4)
4. Assessing and monitoring the nutritional status and needs that hospitalized patients have using appropriate tools and pertinent medical terminology. Be aware of the nutritional implications of drug-nutrient interactions. (Inquiry & Analysis, Problem Solving, Critical Thinking, Level 4)
5. Using the principles involved in planning and implementing nutrition care, including those necessary for the interpretation of nutrition data, the recommendation of appropriate diet orders and the implementation of physicians' orders. (Critical Thinking; Problem Solving; Communication, Level 4)
6. Recognizing the principles involved in menu planning for optimum nutrition of individuals in the disease state, including the use of a software program in menu analysis and control. (Critical Thinking; Problem Solving, Level 4)

7. Interpreting nutritional prescriptions and translate standard therapeutic diet guidelines into daily food selections. Exhibit knowledge about commercial supplements. (Inquiry & Analysis; Critical Thinking, Level 4)
8. Recognizing the influence of the psychological, political, social, cultural and economic factors on food consumption, including food habits and preferences, in counseling modified diets. (Social Awareness & Engagement; Inquiry & Analysis, Level 3)
9. Respecting the ethics as applied to personal and professional behavior, especially the confidentiality in patient care management. (Interpersonal Communication; Valuing, Level 3)
10. Developing critical thinking, teamwork and oral communication skills. (Critical Thinking, Interpersonal Communication, Level 4)
11. Beginning to think like a clinician, and to follow patient-centered care practices. (Critical Thinking; Self-Awareness and Development, Level 3)
12. Acting as each patients' nutritional ombudsman. (Social Awareness & Engagement; Valuing, Level 3)

Brescia Competencies

Critical Thinking

The ability to engage in thinking characterized by the rational, informed, independent, and open-minded exploration of issues, ideas, and events before accepting or formulating a conclusion.

Inquiry & Analysis

The ability to ask questions, examine issues, and reach informed conclusions by breaking down complex issues, exploring evidence, and describing relationships among persons, things, or events.

Problem Solving

The ability to create and execute a strategy to answer a question or achieve a goal. Includes being able to anticipate the consequence of a potential solution, select a strategy among several alternatives, and decide when an acceptable outcome has been reached.

Self-Awareness and Development

The ability to draw meaning, knowledge and value from honest and fair reflection and self-evaluation. Students can recognize their emotions and patterns of thinking, their impact on others, and make a commitment to personal growth.

Social Awareness and Engagement

The ability to respect and be open to diversity (e.g. cultural, religious, political) and social justice. Students take personal responsibility to actively engage in and contribute to creating positive change in local, regional, national, or global communities and societies.

Communication

The ability to exchange information and meaning across cultures, space, and time appropriately and correctly. This competency includes oral, written, and interpersonal communication, and the ability to use current or innovative media.

ICDEP Competencies

The ICDEP were created by The Partnership for Dietetic Education and Practice (PDEP), a network of professionals from education, regulatory, and professional bodies/associations across Canada. There are 7 inter-related Domains (areas) of Practice Competencies: Food and Nutrition Expertise, Professionalism and Ethics, Communication and Collaboration, Management and Leadership, Nutrition Care, Population Health Promotion, and Food Provision.

For more information on ICDEP competencies please visit the [UWO OWL FN UNDERGRADUATE RESOURCES AND INFORMATION](#) site.

Teaching Methodology and Expectations of Students

- 3 lecture hours per week, plus supplementary readings and exercises assigned.
- 1.5 tutorial hours per week
- Students will be graded on participation and engagement, on-line quizzes, tutorial assignments, a midterm exam and a final exam.
- An interactive approach to learning will include individual and group work, patient case studies, class discussions, and role-playing.
- Emphasis will be placed on the mechanical and critical thinking skills required to put theory into practice. Please bring a calculator to every lecture and tutorial.

Class Contribution:

Students are expected to come to lectures and tutorials prepared to actively engage in learning. Contribution will include active, engaged listening to the instructor and other students, and active, respective participation in discussions and exercises. Missed classes and tutorials, tardy attendance or disengaged attendance (ex. Texting and using social media in class) will negatively affect contribution marks. Please see the instructor early in the semester if you have any concerns or questions about engagement and contribution.

Penalty for late assignments:

Assignments are due at class time on the date specified. There will be a deduction of 20% of the value of the assignment for late submission. NO assignment will be accepted one (1) week after due date.

Special examination:

NO special examination will be given for a student who has missed a scheduled examination except in cases with proper documentation to show a confirmed personal illness or a death in the student's immediate family.

Up to 10% of marks on each assignment and examination can be deducted for lack of proper English communication skills, including errors in spelling or grammar.

Copyright and Intellectual Property

PowerPoint lecture slides and notes, lists of readings, in-class activities, assignment guidelines, and other components of the course materials are typically the intellectual property of the instructor. Unauthorized reproduction through audio-recording, video-recording, photographing, sharing on social media, or posting on course-sharing websites is an infringement of copyright and is prohibited. Such action may be considered a Code of Conduct violation and lead to sanctions.

Evaluation

Evaluation Breakdown:

Component	Weight	Date/ Deadline	Learning Outcomes	Brescia	ICDEP
				Competencies	
Online Quizzes (10 x 0.5%)	5%	Periodically throughout the semester	1, 5, 6, 7, 10	1, 2, 4	1.03b/c, 1.04, 1.05, 1.06, 2.04 a/c/d, 2.05a/b/c, 2.06a, 2.08d, 2.09, 2.12, 2.13a, 4.08g, 5.02, 5.03a-c, 5.05a
Tutorial Assignments (2 x 7.5%)	15%	As per tutorial schedule	All	All	1.03b/c, 1.04, 1.05, 1.06, 2.01a/c, 2.03c/e, 2.04 a/c/d, 2.05a/b/c, 2.06a, 2.08d, 2.09, 2.10a, 2.11a, 2.12, 2.13a, 3.01, 3.02, 3.04a, 3.05a-d, 3.06, 3.07a/b, 4.08g, 5.01 except g/i, 5.02, 5.03a-c, 5.05a
Midterm Exam: In-class; covering material from weeks 1-5.	40%	Week 6	1, 3, 4, 5, 6, 8, 9, 11	1, 2, 3, 4, 6, 7	
Final Exam: covers material after the mid-term from weeks 7-13	40%	TBA	1, 3, 4, 5, 6, 8, 9, 11	1, 2, 3, 4, 6, 7	

Accommodation, Illness Reporting and Academic Considerations

Accommodation Policies

Students with disabilities work with Accessible Education (formerly SSD) which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The accommodation policy can be found here: [Academic Accommodation for Students with Disabilities](#).

Academic Accommodation for Illness/Absence

For course components worth 10% or more of the total course grade, please see the Academic Policies and Regulations section at the end of this course outline or consult the Policy on Accommodation for Medical Illness – Undergraduate Students (AIUS) (https://www.uwo.ca/univsec/academic_policies/rights_responsibilities.html).

For course components worth less than 10% of the total course grade, documentation will be required. Medical or other supporting documentation should be submitted to your Academic Advisor.

Religious Accommodation

Students should consult the University's list of recognized religious holidays, and should give reasonable notice in writing, prior to the holiday, to the Instructor and an Academic Counsellor if their course requirements will be affected by a religious observance. Additional information is given in the Western Multicultural Calendar.

Contingency plan for an in-person class pivoting to 100% online learning

In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, all remaining course content will be delivered entirely online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). The grading scheme will not change. Any remaining assessments will also be conducted online as determined by the course instructor.

Course Content

Topics will be covered in the order listed and any dates listed are meant as a guideline.

Weekly Organizer:

Class/Topic	Date	Description	Assignments and/or Readings Due
		e.g., topic, content, associated readings, activities.	e.g., quiz, paper, group project, exam.
1	January 9	<p>Course outline</p> <p>Tutorial</p> <p>Overview</p> <p>Role of the Registered Dietitian and Scope of Practice; other member of the nutrition team</p> <p>Interdisciplinary health care team</p> <p>Food in the hospital: regular</p>	<p>Text: Chapter 1 (Omit 1.4), Chapter 2 Nutrition Care Snapshot (Owl)</p> <p>Quiz 1</p>
2	January 16	<p>Nutrition care process and standardized language</p> <p>Medical vs nutrition diagnoses Nutrition care plan</p> <p>Nutrition education and counseling Medical record and Charting Medical Abbreviations</p>	<p>Text: Chapter 3 (pp 38-44), Chapter 4, Chapter 6 (pp 123-132)</p> <p>Appendix I (A-94 medical abbreviations for reference)</p> <p>Dangerous Abbreviations (Owl)</p> <p>Quiz 2</p>
3	January 23	<p>Drug-nutrient interactions</p> <p>Factors affecting food intake</p> <p>High-energy, high-protein nutrition care plan</p> <p>Liquid diets</p> <p>Oral nutritional supplements</p>	<p>Text: Chapter 11</p> <p>Quiz 3</p>

4	January 30	Food intolerances and allergies Celiac disease and gluten-free diet Lactose Intolerance Inborn Errors of Metabolism (IEM) Diverticulosis/diverticulitis Irritable Bowel Syndrome (IBS) Diarrhea/Constipation FODMAPs High fibre and fibre-restricted diets	Text: Chapter 9 (pp 199-207) & Chapter 15 (389-418) Quiz 4 Assignment #1
5	February 6	Neurological Diseases Dysphagia	Text: Chapter 20, Chapter 14 (p. 362-365) Quiz 5 Assignment #1 DUE
6	February 13	In-class Midterm Exam covering weeks 1-5	No tutorial, no quiz
7	February 20	READING WEEK	No Lecture, tutorial or quiz
8	February 27	Eating Disorders Weight Bias	Text: Chapter 12 (284-293) Quiz 6
9	March 6	Obesity and weight management Metabolic Syndrome	Text: Chapter 12 (pp 254-284) Quiz 7
10	March 13	Nutrition management of renal disease	Text: Chapter 18 Quiz 8
11	March 20	Type 2 Diabetes Mellitus Lifestyle management Meal planning using Beyond the Basics	Text: Chapter 17 (pp 488-520) Quiz 9 Assignment #2

12	March 27	Nutrition management of Cardiovascular Diseases Part 1: Dyslipidemia	Text: Chapter 13 Assignment #2 Due
13	April 3	Nutrition Management of Cardiovascular Diseases Part 2: CHF and HTN	Text: Chapter 13 Quiz 10
14	Final exam schedule	Final Examination	Includes all material covered in class and assigned readings and exercises; from weeks 7-13

*Other readings may be added

2022-23 BRESCIA UNIVERSITY COLLEGE ACADEMIC POLICIES AND REGULATIONS

1. POLICY REGARDING ACADEMIC ACCOMMODATION

The complete policy regarding Accommodation for Illness - Undergraduate Students can be found at https://www.westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page_135

Students who have long-term or chronic medical conditions which may impede their ability to complete academic responsibilities should seek Academic Accommodation through Student Accessibility Services (https://www.westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page_10).

Personal commitments (e.g., vacation flight bookings, work schedule) which conflict with a scheduled test, exam or course requirement are **not** grounds for academic accommodation.

Students who experience an illness or extenuating circumstance sufficiently severe to temporarily render them unable to meet academic requirements may submit a request for academic consideration through the following routes:

1. For medical absences, submitting a **Student Medical Certificate (SMC)** signed by a licensed medical or mental health practitioner;
2. For non-medical absences, submitting **appropriate documentation** (e.g., obituary, police report, accident report, court order, etc.) to their Academic Advisor. Students are encouraged to contact their Academic Advisor to clarify what documentation is acceptable.

Request for Academic Consideration for a Medical Absence

When a student requests academic accommodation (e.g., extension of a deadline, a makeup exam) for work representing 10% or more of the student's overall grade in the course, it is the responsibility of the student to provide acceptable documentation to support a medical or compassionate claim. All such requests for academic accommodation **must** be made through an Academic Advisor and include supporting documentation.

Academic accommodation for illness will be granted only if the documentation indicates that the onset, duration and severity of the illness are such that the student could not reasonably be expected to complete their academic responsibilities. Minor ailments typically treated by over-the-counter medications will not normally be accommodated.

The following conditions apply for students seeking academic accommodation on medical grounds:

1. Students must submit their Student Medical Certificate (SMC) along with a request for relief specifying the nature of the accommodation being requested no later than two business days after the date specified for resuming responsibilities. An SMC can be downloaded from https://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf;
2. In cases where there might be an extended absence or serious issue, students should submit their documentation promptly and consult their Academic Advisor for advice during their recovery period;
3. Whenever possible, students who require academic accommodation should provide notification and documentation in advance of due dates, scheduled tests or examinations, and other academic requirements;
4. Students **must** communicate with their instructors **no later than 24 hours** after the end of the period covered by the SMC to clarify how they will fulfil the academic expectations they may have missed during the absence;
5. Appropriate academic accommodation will be determined by the Dean's Office/Academic Advisor in consultation with the course instructor(s). Academic accommodation may include extension of deadlines, waiver of attendance requirements, arranging Special Exams (make-ups), re-weighting course

requirements, or granting late withdrawal without academic penalty.

2. ACADEMIC CONCERNS

If you feel that you have a medical or personal challenge that is interfering with your work, contact your instructor and Academic Advisor as soon as possible. Problems may then be documented and possible arrangements to assist you can be discussed at the time of occurrence rather than on a retroactive basis. Retroactive requests for academic accommodation on medical or compassionate grounds are not normally considered.

If you think that you are too far behind to catch up or that your work load is not manageable, you should consult your Academic Advisor (https://brescia.uwo.ca/enrolment_services/academic_advising/book_an_appointment.php). If you consider reducing your workload by dropping one or more courses, this must be done by the appropriate deadlines; please contact your Academic Advisor or see the list of sessional dates in the Academic Calendar (<https://www.westerncalendar.uwo.ca/SessionalDates.cfm?SelectedCalendar=Live&ArchiveID=>).

You should consult with the course instructor and the Academic Advisor who can help you consider alternatives to dropping one or more courses. *Note that dropping a course may affect OSAP eligibility and/or Entrance Scholarship eligibility.*

3. ABSENCES

Short Absences: If you miss a class due to a minor illness or other problems, check your course outline for information regarding attendance requirements and make sure you are not missing a test or assignment. Cover any readings and arrange to borrow notes from a classmate. Contact the course instructor if you have any questions.

Please note that for asynchronous online courses, attendance or participation requirements may be different than for synchronous or in-person courses.

Extended Absences: If you have an extended absence, you should contact the course instructor and an Academic Advisor. Your course instructor and Academic Advisor can discuss ways for you to catch up on missed work, and arrange academic accommodations if appropriate and warranted.

It is important to note that the Academic Dean may refuse permission to write the final examination in a course if the student has failed to maintain satisfactory academic standing throughout the year or for too frequent absence from the class or laboratory (https://www.westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=5&SelectedCalendar=Live&ArchiveID=#Page_64).

4. SCHOLASTIC OFFENCES

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence at:

https://www.westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page_20.

Students are responsible for understanding the nature of and avoiding the occurrence of plagiarism and other academic offences. Note that such offences include plagiarism, cheating on an examination, submitting false or fraudulent assignments or credentials, impersonating a candidate, or submitting for credit in any course without the knowledge and approval of the instructor to whom it is submitted, any academic work for which credit has previously been obtained or is being sought in another course in the University or elsewhere. Students are advised to consult the section on Scholastic Discipline for Undergraduate Students in the Academic Calendar.

If you are in doubt about whether what you are doing is inappropriate or not, consult your instructor, the Academic Dean's Office, or the Registrar. A claim that "you didn't know it was wrong" is not accepted as an excuse.

The penalties for a student guilty of a scholastic offence (including plagiarism) include refusal of a passing grade in the assignment, refusal of a passing grade in the course, suspension from the University, and expulsion from the University.

Plagiarism:

Students must write their essays and assignments in their own words. Whenever students take an idea or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence.

All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com.

Computer-marked Tests/exams:

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating. Software currently in use to score computer-marked multiple-choice tests and exams performs a similarity review as part of standard exam analysis.

5. PROCEDURES FOR APPEALING ACADEMIC EVALUATIONS

All appeals of a grade must be directed first to the course instructor. If the student is not satisfied with the decision of the course instructor, a written appeal is to be sent to the School Chair. If the response of the Chair is considered unsatisfactory to the student, they may then submit a written appeal to the Office of the Dean. If the student is not satisfied with the decision of the Dean, they may appeal to the Senate Review Board Academic (SRBA), if there are sufficient grounds for the appeal and if the matter falls within the jurisdiction of the SRBA. For information on academic appeals consult your Academic Advisor or see the Student Academic Appeals – Undergraduate in the Academic Calendar

https://www.westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&Selecte dCalendar=Live&ArchiveID=#Page_14.

Note that final course marks are not official until the Academic Dean has reviewed and signed the final grade report for the course. If course marks deviate from acceptable and appropriate standards, the Academic Dean may require grades to be adjusted to align them with accepted grading practices.

6. PREREQUISITES

Unless you have either the prerequisites for a course or written Special Permission from the Dean to enroll in it, you will be removed from the course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisite(s).

7. SUPPORT

Support Services

The Brescia University College Registrar's website, with a link to Academic Advisors, is at <http://brescia.uwo.ca/academics/registrar-services/>. Students can access supports through Brescia's Student Life Centre (<http://brescia.uwo.ca/life/student-life/>) and Learning Development & Success at Western (<https://www.uwo.ca/sdc/learning/>).

Mental Health and Wellness

Students may experience a range of issues that can cause barriers to your learning, such as increased anxiety, feeling overwhelmed, feeling down or lost, difficulty concentrating and/or lack of motivation. Services are available to assist you with addressing these and other concerns you may be experiencing. You can obtain information about how to obtain help for yourself or others through **Health & Wellness at Brescia**,

https://brescia.uwo.ca/student_life/health_and_wellness/index.php

and **Health and Wellness at Western**, http://uwo.ca/health/mental_wellbeing/index.html.

Sexual Violence

All members of the Brescia University College community have a right to work and study in an environment that is free from any form of sexual violence. Brescia University College recognizes that the prevention of, and response to, Sexual Violence is of particular importance in the university environment. Sexual Violence is strictly prohibited and unacceptable and will not be tolerated. Brescia is committed to preventing Sexual Violence and creating a safe space for anyone in the Brescia community who has experienced Sexual Violence.

If you or someone you know has experienced any form of Sexual Violence, you may access resources at

https://brescia.uwo.ca/safe_campus/sexual_violence/index.php.

Portions of this document were taken from the Academic Calendar, the Handbook of Academic and Scholarship Policy, and the Academic Handbook of Senate Regulations. This document is a summary of relevant regulations and does not supersede the academic policies and regulations of the Senate of the University of Western Ontario.
