

**BRESCIA UNIVERSITY COLLEGE  
DIVISION OF FOOD AND NUTRITIONAL SCIENCES  
2011-2012**

<b>FOODS AND NUTRITION 1021</b>	<b>Section 535</b>	<b>Nutrition for Modern Living</b>
<b>Professor Noelle Martin RD</b>	<b>519- 615-3438</b>	<b>nmarti55@uwo.ca</b>

**LECTURE:** THURSDAYS 8:30-11:30 am Location: BR 303

**OFFICE HOURS:** Ursuline Hall, Room 107 By Appointment

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**COURSE OUTLINE**

**DESCRIPTION:** A survey of human nutritional needs including nutrient requirements, nutrient functions, and sources of nutrients in foods. Maternal and infant nutrition, food additives, food legislation, world food problems, and other current topics.

**GOALS:** At the end of the course, you will be able to

- a. acquire a basic knowledge & understanding of the science of human nutrition and its relationship to your health and well-being.
- b. make informed choices about your diet.
- c. explore a variety of controversial issues relating to food and nutrition.
- d. develop skills for finding reliable information about food and nutrition.

**OBJECTIVES:** Objectives will be presented for each lecture during the course.

**PREREQUISITE(S):** Anti-requisite: Foods and Nutrition 021, 121 or 2121  
Background in Biology and Chemistry at Grade 11 or higher is strongly recommended.

**FORMAT:** Three (3) hours per week. Lectures, class discussions/activities, and individual/group assignment.

**REQUIRED TEXT:**Sizer, Whitney, Piché, with contributions from A. C. Garcia, (2009). *Nutrition: Concepts and Controversies* (Second Canadian Edition). Nelson Education Inc. Toronto, ON

**CLASSROOM:** BR 19

**CLASS TIME:** THURSDAY 8:30-11:30 am

**PARKING:** Parking on Brescia property is enforced by UWO. Students may park at metered spaces or purchase a parking permit to use other available spaces. Daily permits can be purchased from the reception desk in the main building (at the top of the hill).

**DISTRIBUTION OF MARKS:**

<u>ITEM</u>	<u>% FINAL MARK</u>	<u>DUE DATE</u>
<u>Fall Test</u> 1 ½ hr. test Location: TBA	15%	October 20 , 2011
<u>Mid-term Examination</u> 2 hr. exam Multiple choice Date & Location: TBA	25%	Dec. 10 – 21, 2011
<u>Group Project</u>	10%	Dates vary
<u>Photovoice Project</u>	10%	March 29 <sup>th</sup> and April 5 <sup>th</sup>
<u>Spring Test</u> 1 hr. test Location: TBA	10%	Feb. 16 , 2012
<u>Final Examination</u> 3 hr. exam Multiple choice Date & Location: TBA	30%	Apr. 14 - 30, 2012
Total	<u>100%</u>	

*Note: The date and location of the exams will be scheduled by the Registrar's Office and will be posted as well as announced in class. The exams may not be on the same night as your regularly scheduled class. Students who miss exams because they have assumed dates and time incorrectly will not be permitted to reschedule them.*

**DIVISION POLICY:**

Assignments are due at the time and date indicated in the course outline. The mark will be reduced by 20% on assignments submitted late. Assignments submitted after this seven (7) day period will not be accepted for marking, except with documentation of confirmed personal illness or death in the student's immediate family.

**CLASS EXPECTATIONS:**

Students are expected to attend class regularly.

**LECTURE SCHEDULE:**

<b>WEEK</b>	<b>TOPIC</b>	<b>CHAPTER</b>
<b>2011</b>		
Sept. 8	Introduction & Course Outline Food Choices & Human Health	1
Sept. 15	Nutrition Tools – Standards & Guidelines	2
Sept. 22	The Remarkable Body	3
Sept. 29	<b>Controversy: Sorting the Imposters from the Real Nutrition Experts</b>	
	<b>Controversy: Phytochemicals and Functional Foods</b>	
Oct. 6	The Carbohydrates: Sugar, Starch, Glycogen, and Fibre <b>Controversy: Alcohol &amp; Nutrition</b>	4
Oct. 13	The Carbohydrates: Sugar, Starch, Glycogen, and Fibre <b>Controversy: Sugar and Alternative Sweeteners</b>	4
Oct. 20	<b>Fall test</b>	
Oct. 27	The Lipids: Fats, Oils, Phospholipids & Starches	5
Nov. 3	The Lipids: Fats, Oils, Phospholipids & Starches (cont.) <b>Controversy: High Fat Foods</b>	5
Nov. 10	The Proteins & Amino Acids	6
Nov. 17	The Proteins & Amino Acids (cont'd) <b>Controversy: Vegetarianism</b>	6
Nov. 24	The Vitamins	7
Dec. 1	The Vitamins (continued) <b>Controversy: Vitamin Supplements</b>	7
<b>Dec. 10 - 21</b>	<b>Mid-year examination period</b>	
<b>2012</b>		
Jan. 5	Water and Minerals	8

Jan. 12	Water and Minerals (cont'd) <b>Controversy: Osteoporosis</b>	8
Jan. 19	Energy Balance & Healthy Body Weight	9
Jan. 26	Energy Balance & Healthy Body Weight (cont.) Controversy: Eating Disorders	9
Feb. 2	Diet & Health <b>Controversy: The Obesity Epidemic</b>	11
Feb. 9	Nutrients, Physical Activity, and the Body's Responses <b>Controversy: Ergogenic Aids</b>	10
<b>Feb. 16</b>	<b>Spring test</b>	
Feb. 20-24	Reading Week	
Feb. 23	Life Cycle Nutrition: Mother and Infant	13
Mar. 1	Life Cycle Nutrition: Mother and Infant (cont'd) <b>Controversy: Childhood Obesity and Early Development of Chronic Disease</b>	13
Mar. 8	Child, Teen, and Older Adult <b>Controversy: Nutrient-Drug Interactions</b>	14
Mar. 15	Food Safety & Food Technology	12
Mar. 22	Food Safety & Food Technology (cont'd) <b>Controversy: Organic Foods and GMOs</b>	12
Mar. 29	Hunger and the Global Environment <b>Controversy: Agribusiness and Food Production</b>	15
April 5	Photovoice and Review for the Final Exam	
<b>Apr. 14-30</b>	<b>Final exam period</b>	

## BRESCIA UNIVERSITY COLLEGE ACADEMIC POLICIES AND REGULATIONS

### 1. POLICY REGARDING MAKEUP EXAMS AND EXTENSIONS OF DEADLINES

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 on medical grounds 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 her academic responsibilities. Appropriate academic accommodation will be determined by the Dean's Office in consultation with the student's instructor(s). Please note that 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.

If supporting documentation is from a family physician, Hospital Urgent Care Centre or Emergency Department, or a walk-in clinic a UWO Student Medical Certificate (SMC) is **required**. To download an SMC go to <https://studentservices.uwo.ca/secure/index.cfm> and follow the link under "Medical Documentation". Documentation should be obtained at the time of the initial visit. If it is not possible to have an SMC completed by the attending physician, the student must request documentation sufficient to demonstrate that her ability to meet academic responsibilities was seriously affected. Please note that under University Senate regulations document-ation stating simply that the student "was seen for a medical reason" or "was ill" is **not** considered adequate to support a request for academic accommodation. All documentation is to be submitted to an Academic Advisor.

Whenever possible, requests for academic accommodation should be initiated in advance of due dates, examination dates, etc. Students must follow up with their professors and Academic Advisor in a timely manner.

The full statement of University policy regarding extensions of deadlines or makeup exams can be found at <http://www.westerncalendar.uwo.ca/2011/pg117.html>.

### 2. ACADEMIC CONCERNS

If you feel that you have a medical or personal problem 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 may not be considered.

If you think that you are too far behind to catch up or that your work load is not manageable, you should consult an Academic Advisor. If you consider reducing your workload by dropping one or more courses, this must be done by the appropriate deadlines (refer to the Registrar's website, [www.registrar.uwo.ca](http://www.registrar.uwo.ca), for official dates). 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.*

The 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.

### 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.

**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.

#### **4. POLICY ON CHEATING & ACADEMIC MISCONDUCT**

Students are responsible for understanding the nature of and avoiding the occurrence of plagiarism and other academic offences. Students are urged to read the section on Scholastic Offences in the Academic Calendar. 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 Academic Misconduct in the Western Academic Calendar.

If you are in doubt about whether what you are doing is inappropriate or not, consult your instructor, the Student Services Centre, 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 (see Scholastic Offence Policy in the Western Academic Calendar).

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 signed by the student must be sent to the Department Chair. If the response of the department is considered unsatisfactory to the student, she may then submit a signed, written appeal to the Office of the Dean. Only after receiving a final decision from the Dean may a student appeal to the Senate Review Board Academic. A Guide to Appeals is available from the Ombudsperson's Office, or you can consult an Academic Advisor. Students are advised to consult the section on Academic Rights and Responsibilities in the Western Academic Calendar.

#### **6. PREREQUISITES AND ANTIREQUISITES**

Unless you have either the prerequisites for a course or written special permission from your 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 prerequisites.

Similarly, you will also be deleted from a class list if you have previously taken an antirequisite course unless this has the approval of the Dean. These decisions may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course because you have taken an antirequisite course.

## **7. SUPPORT SERVICES**

The Brescia University College Registrar's website, with a link to Academic Advisors, is at [http://www.brescia.uwo.ca/academics/registrar\\_services/index.html](http://www.brescia.uwo.ca/academics/registrar_services/index.html).

The University of Western Ontario Registrar's website is at <http://www.registrar.uwo.ca/index.cfm>

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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 O