

The University of Western Ontario
Faculty of Health Sciences
School of Health Studies

**Rehabilitation Sciences 3061B
Foundations in Rehabilitation Sciences
Course Outline
Winter, 2014**

LECTURE TIMES AND LOCATION:

Monday 6:00 – 9:00pm HSB 35*

* Note: some sessions may be held in Elborn College. See schedule on page 8 and OWL for these locations.

Course Faculty:

Bert Chesworth	BA, BScPT, MCIScPT, PhD (course manager)
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Lilian Magalhaes	BScOT, PhD

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USE your UWO e-mail to communicate. Only student UWO e-mail addresses will be used. Non UWO email addresses received from students will not be opened.

COURSE DESCRIPTION:

In this course, we will examine the primary definitions, concepts and principles of rehabilitation sciences. Practices of rehabilitation professionals will be investigated within an evidence-based context.

The course is divided into 3 parts. The first part will provide the necessary background and framework for understanding the breadth of rehabilitation sciences. It reviews the historical background of rehabilitation and provides an overview of the key aspects of the provision of rehabilitation services. This will create the foundation upon which students can explore more detailed concepts and issues pertinent to rehabilitation science within selected rehabilitation service providers.

In the second part of the course, guest lecturers, case studies, lectures and discipline specific literature will be used to increase understanding of the rehabilitation practices of the following selected rehabilitation service providers: audiology and speech-language pathology (communication sciences and disorders), occupational therapy and physical therapy.

The third part of the course uses collaborative learning to increase awareness of selected issues and topics in rehabilitation, while considering the international perspective. Students work in groups throughout the semester. A written submission is due at the start of the last class in the winter term.

PREREQUISITES:

The prerequisite for this course is registration in the Honors Specialization, Major or Minor modules in Rehabilitation Science.

It is the student's responsibility for ensuring that course prerequisites have been successfully completed or special permission from the Dean has been obtained.

Unless you have either the requisites for this course or written special permission from your Dean (see your academic counselor) to enroll in it, you may be removed from this 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.

COURSE GOALS:

The goal of the course is to provide students with a broad exposure to and general understanding of Rehabilitation Science, its underlying concepts and principles and the practices of the following rehabilitation professionals: audiologists and speech language pathologists, occupational therapists and physical therapists. Finally, the course seeks to broaden the student's perspective on rehabilitation from an international perspective.

COURSE LEARNING OBJECTIVES:

At the end of this course, the student will demonstrate a broad base of knowledge regarding rehabilitation science with more specific knowledge of some aspects of practice in audiology, speech-language pathology, occupational therapy and physical therapy.

At the end of this course the student will:

- (a) demonstrate knowledge of,
 - 1. rehabilitation theories and disability models.
 - 2. the conceptual relationship between rehabilitation and disability models.
 - 3. the historical development of rehabilitation services.
 - 4. the basic operational characteristics of rehabilitation services, including:
 - a. care team models
 - b. disciplines involved
 - c. the role of patient and family
 - d. the variety of settings.
 - 5. the core elements of the process of rehabilitation and issues related to the continuum of care.
 - 6. the overall aims of rehabilitation.
- (b) be capable of applying the above knowledge to simple patient scenarios and the rehabilitation literature in general as well as selected readings in audiology, speech-language pathology, occupational therapy and physical therapy.
- (c) demonstrate an enlightened international perspective regarding rehabilitation.

COURSE READING MATERIAL:

There is no reading package or textbook to purchase for this course.

Mandatory readings will be made available electronically through library internet holdings or web links, or on reserve in the library, or other appropriate means as identified by course instructors.

Students are responsible for acquiring readings either through the library, the provided web links, reserved holdings in the library or as directed by course instructors.

OWL Sakai:

All students need to use OWL to access resources used in this course such as Power Point handouts for lectures, additional handouts and links to assigned readings. Students are responsible for checking OWL for this course for information about readings, handouts, lectures, updates or changes to the schedule. Information or materials not posted on OWL 24 hours in advance of class time will be provided by the course instructor in class. Note that the session leaders will not answer email in OWL. Please contact UWO Information Technology Services for difficulties accessing OWL.

COURSE EVALUATION:

Mid-term Test	35%
Final Exam	35%
Group Assignment	30%

NOTE: your final grade will come from the registrar, not the course instructors.

Examinations

In this course there will be one in-class mid term exam and a final exam during the exam period in April. Questions will consist of computer-marked multiple-choice tests and/or short answer written responses. These exams are designed to assess your knowledge of all materials and concepts identified and discussed in class including lectures, films and any guest lecturers and assigned readings.

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.

Mid-term Test (35%)

The mid-term test will be held during the class session at 6:00 p.m. See the schedule on pages 7-9 for the specific date. Questions will consist of computer-marked multiple-choice tests and/or short answer written responses and may include case scenarios or vignettes. The mid-term exam will cover all material from lectures and readings for the period prior to the exam.

Final Exam (35%)

A final exam will be written during the final examination period in April. Questions will consist of computer-marked multiple-choice tests and/or short answer written responses, and case scenarios or vignettes may be used. The exam will cover all material from class presentations, guest lecturers and readings from sessions held 'after' the midterm.

Group Assignment (30%):

You will be asked to form into groups after the add/drop period in January. Then you will be provided with detailed information about the assignment.

The assignment requires each group to select a case scenario from the list provided, and work throughout the semester to:

- a) investigate your case scenario and **create a written report**, and
- b) **submit your assignment on the last class: April 7, 2014.**

Late Penalty for Assignment:

A late assignment will be penalized 10% for each day, or part of day, that it is late. For example, an assignment graded as 41/50 will have 5 points deducted from the mark if handed in one day late and will be recorded as 36/50. There will be no exceptions except for valid, extenuating circumstances (death in the family,

incapacitating illness etc.) which MUST be verified and documented with a School of Health Studies Academic Counsellor.

COURSE POLICIES AND PROCEDURES

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

<http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf>

CHEATING:

Cheating involves a number of things, including the use of unauthorized material in an exam and divulging exam material to another student.

PLAGIARISM:

Students must write their 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 offense (see Scholastic Offence Policy in the Western Academic Calendar). Make sure you ask if you have any doubts about whether or not you may be plagiarizing. Please note that ignorance is not an excuse when it comes to plagiarism. It is your responsibility to check and ask. The University of Western Ontario uses software for plagiarism checking. Students may be required to submit their written work in electronic form for plagiarism checking with Turn-it-in.

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 (<http://www.turnitin.com>).

ACCOMMODATION FOR MEDICAL ILLNESS:

The University Policy on Accommodation for Medical Illness can be found at the following website: <https://studentservices.uwo.ca/secure/index.cfm>. Documentation shall be submitted, as soon as possible, to a School of Health Studies Academic Counsellor, together with a request for relief specifying the nature of the accommodation being requested.

NON-MEDICAL ABSENCE FROM MIDTERM AND FINAL EXAM:

Students must see a School of Health Studies Academic Counsellor if they miss a midterm or final examination for a non-medical reason. Documentation shall be submitted, as soon as possible, to a School of Health Studies Academic Counsellor, together with a request for relief specifying the nature of the accommodation being requested.

PROFESSIONAL BEHAVIOUR:

Students are expected to attend all classes, arrive on time for class, **read assigned readings prior to class**, participate in class discussion, make a genuine contribution to any group activities and respect the opinions of others in the learning process.

Students and instructors are expected to maintain a professional relationship characterized by courtesy and mutual respect and to refrain from actions disruptive to such a relationship. This professional and courteous behaviour must also be extended to guest lecturers. Moreover, it is the responsibility of the instructor to maintain an appropriate academic atmosphere in the classroom, and the responsibility of the student to co-operate in that endeavour. Further, the instructor is the best person to decide, in the first instance, whether such an atmosphere is present in the class.

Use of Electronic Devices:

Electronic devices will not be allowed during tests and examinations.

Cell phones are to be turned off during scheduled class time.

SUPPORT SERVICES FOR STUDENTS:

Students may find the web sites below to be helpful throughout the academic year:

Registrarial Services: <http://www.registrar.uwo.ca>

Student Services: <https://studentservices.uwo.ca>

Student Development Centre: <http://www.sdc.uwo.ca>

SCHEDULE OF KEY DATES, TOPICS & READINGS

The schedule begins on the next page from page 7 to 9. Links to some readings are provided.

NOTE: some sessions are held in Elborn College. See schedule on next two pages and OWL for these locations.

Readings are to be **read BEFORE class**.

Week/ Date/ (Location)	Topics / Directions	Required Readings with links to access, Directions & Session Lead
<p><u>Week 1</u> Jan 6 (HSB35)</p>	<p>Introduction/overview</p> <p>Rehabilitation Theory & Disability Models (ICF)</p> <p>Dimensions of Client Need & Rehabilitation Services</p>	<p>Session lead: B. Chesworth</p> <p>Introduction to the International Classification of Functioning, Disability and Health (ICF): ICF Beginner’s Guide, 2002. Read page 2-19. http://www.who.int/classifications/icf/training/icfbeginnersguide.pdf</p> <p>Managing the Seams: Making the Rehabilitation System Work for People by the Provincial Rehabilitation Reference Group, 2000. Read page 42-47. http://www.rnoc.ca/references/Managing_the_Seams.pdf</p>
<p><u>Week 2</u> Jan 13 (HSB35)</p>	<p>Burden on Informal Caregivers</p> <p>Historical Perspectives on Rehabilitation</p>	<p>Session lead: B. Chesworth</p> <p>From Research on Aging, Policies & Practice (University of Alberta) website: Report to Health Canada ‘Informal Caregivers in Canada: A Snapshot’ by Fast & Keating. Read page 1-9. http://www.rapp.ualberta.ca/en/Publications/~media/8B5C7AB6D5FF4E619BB0FC242775A6B8.pdf</p> <p>From Statistics Canada, Health Reports Volume 3, Number 3, 2012. ‘Informal Caregiving for Seniors’ by Turner and Findlay. Read page 1-4. http://www.statcan.gc.ca/pub/82-003-x/2012003/article/11694-eng.pdf</p> <p>Tremblay, Mary (1995) <i>The Canadian Revolution in the Management of Spinal Cord Injury</i>. Canadian Bulletin of Medical History / Bulletin canadien d'histoire de la médecine, 12 (1). pp. 125-155’ Read page 125-155. http://www.cbmh.ca/index.php/cbmh/article/viewFile/353/352</p>

Week/ Date/ Location	Topics / Directions	Required Readings, Directions & Session Lead
<u>Week 2</u> (cont'd)	Community-Based Rehabilitation	Selected portions (TBA) of the Community-based Rehabilitation Guidelines by the World Health Organization http://www.who.int/disabilities/cbr/guidelines/en/index.html
<u>Week 3</u> Jan 20 (HSB35)	CSD 1 – topics TBA	Readings TBA Session lead: R. Fisher
<u>Week 4</u> Jan 27 (HSB35)	CSD 2 – topics TBA	Readings TBA Session lead: R. Fisher
<u>Week 5</u> Feb 3 (HSB35)	CSD 3 – topics TBA	Readings TBA Session lead: R. Fisher
<u>Week 6</u> Feb 10 (HSB35)	MID TERM TEST in-class in HSB 35	Session lead: B. Chesworth
<u>Week 7</u> Feb 17	<u>Reading Week – No class</u>	Reading Week - No class
<u>Week 8</u> Feb 24 (Room HSB 35)	OT 1 – topics TBA	Readings TBA Session lead: L. Magalhaes
<u>Week 9</u> March 3 (Room HSB 35)	OT 2 – topics TBA	Readings TBA Session lead: L. Magalhaes
<u>Week 10</u> March 10 (Room HSB 35)	OT 3 – topics TBA	Readings TBA Session lead: L. Magalhaes

Week/ Date/ Location	Topics / Directions	Required Readings, Directions & Session Lead
<u>Week 11</u> March 17 (HSB35)	PT 1 – topics TBA	Readings TBA Session lead: B. Chesworth
<u>Week 12</u> March 24 (HSB35)	PT 2 – topics TBA	Readings TBA Session lead: B. Chesworth
<u>Week 13</u> March 31 (HSB35)	PT 3 – topics TBA	Readings TBA Session lead: B. Chesworth
<u>Week 14</u> April 7 (EC 1330) LAST CLASS	<u>Group assignment due at start of class</u> Interdisciplinary Session: Amyotrophic Lateral Sclerosis <u>Note: Class held in ELBORN COLLEGE</u> Room number 1330	Session lead: B. Chesworth, R. Fisher, L. Magalhaes Clinicians from University Hospital: Karen Findlater – PT Courtney McCallum – SLP Leann Merla – OT
	The final exam is held in the Final Exam Period: April 11-30	