

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

**Rehabilitation Sciences 3060A  
Health Conditions and Disease in Rehabilitation  
Course Outline  
Fall, 2022**

**LECTURE TIMES AND LOCATION**

**Monday evening**

**CONTACT INFORMATION**

**Course Manager/Instructor:** Troy Seely, PT, BScPT, MScPT, DPT, FCAMPT

**Contact information:**

Course e-mail: [tseely2@uwo.ca](mailto:tseely2@uwo.ca) – preferred method of contact  
Office hours: email to arrange an appointment

**Use your Western e-mail to communicate.** Please use your student Western e-mail addresses. Non-Western e-mail addresses received from students will not be opened.

**COURSE FORMAT**

The course material will be provided via in person lectures as well as in person review exercises.

The OWL platform will be a resource for lectures, exercise activities, and working on the group assignment. It is also a vital space of communication between instructor and students related to exam information as well as the ebb and flow of the term. For this reason, a strong internet connection is a requirement for the course.

## **COURSE DESCRIPTION**

In this course, we will examine diseases and health conditions frequently encountered in rehabilitation practices. This will be done through an understanding of the anatomical area of the body involved, the pathological process of the condition, signs and symptoms of the condition and general assessment principles.

The experiences of people with select physical disabilities will also be explored through the use of in-class clinical cases.

The course is divided into three content sections:

Section 1 = Neurological disorders.

Section 2 = Chronic pulmonary conditions.

Section 3 = Musculoskeletal disorders.

See Page 9 for a class outline.

## **PREREQUISITES**

The prerequisites for this RS 3060 course are: Health Sciences 2300A/B or Kinesiology 2222A/B or the former Anatomy and Cell Biology 2221. Pre-or Corequisite(s): Registration in a Rehabilitation Science module or enrolment in the third or fourth year of the School of Health Studies or School of Kinesiology.

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 prerequisites for this course or written special permission from your Dean (see your academic counsellor) 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**

One goal of this course is to enhance your understanding of the most prevalent health conditions and diseases encountered in rehabilitation practices. Building on a foundation of anatomic knowledge of the region, you will attain a better appreciation of the influence of the pathological process of various conditions and their role in affecting the body's function.

Another goal of this course is the appreciation of both the short and long term impact of these conditions on the quality of life of the people who experience them. This will look both at the influence on activities of daily living and participation in society as a whole.

## **COURSE LEARNING OBJECTIVES**

At the end of this course students will attain further knowledge of presented clinical conditions. This knowledge related to each condition will be multifactorial, with focus upon:

(a) Epidemiology = Students will gain an understanding of the distribution (frequency

**Examinations:**

**Late Penalty for Assignment:**

A late assignment will be penalized 5% for each day, or part of day, that it is late. For example, an assignment graded as 41/50 will have 2.5 points deducted from the mark if handed in one day late and will be recorded as 38.5/50. There will be no exceptions except for valid, extenuating circumstances (death in the family, incapacitating illness,) which MUST be verified and documented with a School of Health Studies Academic Counsellor.

**Missing the midterm or final exam:**

If a student is to miss the midterm or the final exam for valid, extenuating circumstances (death in the family, incapacitating illness,) - which MUST be verified and documented with a School of Health Studies Academic Counsellor – then a makeup exam will be provided. This date will be discussed with the course manager.

**Letter Grades:**

The university-wide descriptor of the meaning of letter grades, as approved by Senate:

A+	90-100	One could scarcely expect better from a student at this level
A	80-89	S lo1 (r)-18.lo1 (r)-18kv3(i)3 (ea2 (bet)-1.1 (t)-1i (c)-8ev)-8 (cr)-6.4 1 (c)-80 Tc 0 T(el)3.1 (l

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.

**In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction**, tests and examinations in this course will be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide personal information (including some biometric data) and the session will be recorded. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available on Western's Remote Proctoring website at: <https://remoteproctoring.uwo.ca>.

**English Proficiency for the Assignment of Grades:**

Visit the website: [http://www.uwo.ca/univsec/pdf/academic\\_policies/exam/english.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/exam/english.pdf)



- a. **Are advised that all necessary documentation, forms, etc. are to be submitted to academic counselling within two business days after the date specified for resuming responsibilities.**

### **Professional Behaviour:**

Students are expected to attend all classes, arrive on time for 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. 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.

### **Use of Electronic Devices:**

During Exams: unless you have medical accommodations that require you to do so, or explicit permission from the instructor of the course, you may not use any of the following electronic devices during ANY of the tests, quizzes, midterms, examinations, or other in-class evaluations: cellphones, smart phones, smart watches, smart glasses, audio players or recorders of any sort, video cameras, video games, DVD players, televisions, laptop/notebook/netbook computers, flashlights or laser pointers.

During Lectures and Tutorials: Although you are welcome to use a computer during lecture and tutorial periods, you are expected to use the computer for scholastic purposes only, and refrain from engaging in any activities that may distract other students from learning. From time to time, your professor may ask the class to turn off all computers, to facilitate learning or discussion of the material presented in a particular class.

**Cell phones auditory sounds (ring tones, message chimes) are to be turned off during scheduled class time.**

## **SUPPORT SERVICES FOR STUDENTS**

There are various support services around campus and these include, but are not limited to:

1. Student Development Centre -- <http://www.sdc.uwo.ca/>
2. Student Health -- <https://www.uwo.ca/health/shs/>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombud's Office -- <http://www.uwo.ca/ombuds/>

## **HEALTH AND WELLNESS FOR STUDENTS**

The undergraduate experience is rewarding and challenging socially, emotionally, and intellectually. Finding ways to balance scholarly life with our personal lives can be tough, but it's important to learn how to manage stress. Western provides several health and



wellness-related services to students, which may be found at <http://www.health.uwo.ca/>. You can also check out the Campus Recreation Centre or the McIntosh Gallery (<http://www.mcintoshgallery.ca/>), for alternative spaces to reconnect with your bodies and restore your spirit. You may also want to access local resources that are closer to where you are living during the school year. Recalibrating ourselves emotionally begins with slowing down, reminding ourselves that we are ok, and taking a few deep, slow breaths. This remarkably effective strategy brings the body from stress mode into a more relaxed state.

If you are in emotional or mental distress should refer to Mental Health@Western [Mental Health Support - Health & Wellness - Western University \(uwo.ca\)](http://www.uwo.ca/mentalhealthsupport) for a complete list of options about how to obtain help or Thames Valley Family Services (<https://www.familyservicethamesvalley.com/>), a trusted provider within the community. To help you learn more about mental health, Western has developed an interactive mental health learning module, found here: [Health & Wellness - Western University \(uwo.ca\)](http://www.uwo.ca/healthandwellness). It's also advisable to have a wellness safety plan if you don't want to reach out to formal services. Having the numbers of a few trusted individuals is another strategy.

## **SCHEDULE OF KEY DATES AND TOPICS**

<b>Week</b>	<b>Week of</b>	<b>Topic</b>
1-4	Sept 12 Sept 19 Sept 26 Oct 3	<b><u>Neurological Disorders</u></b> Orientation & Stroke I* Stroke II and Spinal Cord Injury I* Spinal Cord Injury II and Traumatic Brain Injury* Parkinson's Disease*
5	Oct 10	Thanksgiving – NO CLASS
6	Oct 17	Cerebral Palsy†
7	Oct 24	<b>MIDTERM TEST</b>
8	Oct 31	

### **Common Concerns Guidelines**

The table below summarizes a list of common student concerns and how they are to be resolved. If you have a concern that is not listed here, then please email your instructor.

<b>Concern</b>	<b>How to address concern</b>
Course administrative matters	Read through the course outline or email instructor if question cannot be answered from information in the course outline