

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

**Rehabilitation Science 3061B
Foundations in Rehabilitation Sciences
Course Outline
Winter 2023**

Time: Mondays 6:30 – 9:30 PM

Location: FNB-1220 (Updated location)

Course Coordinator:

Dr. Jayaprakash (JP) Raman, PT, PhD – PT Section
(jraman3@uwo.ca)

Instructors:

Dr. Jayaprakash (JP) Raman, PT, PhD – PT Section

Josh Campbell, OT Reg. (Ont.) CCLCP, CVRP, RVP – OT Section (jcamp264@uwo.ca)

Dr. Ivan Culum, PhD – CSD section (iculum2@uwo.ca)

Office Hours: **by appointment**

Communication: Meetings

Students are expected to email the course manager or the course instructors for questions related to the course teachings, assignments or exams. Meetings will be scheduled by appointment and can be scheduled either in person or through zoom.

Prerequisite Check:

Unless you have either the requisites for this course or written special permission from your Dean 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.

Please refer to the current Western Academic Calendar to confirm your prerequisites and/or antirequisites: www.westerncalendar.uwo.ca.

A. COURSE DESCRIPTION:

The primary definitions and principles of rehabilitation sciences will be covered. Practices of rehabilitation professionals will be investigated within an evidence- based context. This is a team-taught course, with each instructor responsible for one section topic.

B. LEARNING OBJECTIVES:

The goal of this course is to introduce learners to rehabilitation practices and professions, with a focus on Communication Sciences & Disorders, Occupational Therapy and Physical Therapy.

Therefore, through this course the learner will:

- Define role and scope of practice for selected rehabilitation professions
- Identify the regulatory body/college for selected rehabilitation professions
- Explain common, evidence-based, therapeutic approaches to rehabilitation
- Practice reflective writing skills
- Practice knowledge translation and peer teaching skills through a novel video assignment
- Communicate knowledge through written (e.g. assignments, exams) and oral (e.g. video presentation) formats

C. ATTENDANCE AND PARTICIPATION

Learners are expected to attend and participate in lectures. As a class, you have the right to a creative and respectful learning environment that promotes knowledge acquisition and skill mastery. To achieve this, you have the collective responsibility to engage in behaviours that demonstrate respect for and collaboration with your fellow learners and teachers. This includes:

- **Punctuality** – arrive prior to the start of a lecture and, when required, enter or exit lectures quietly and discretely so as not to disrupt your colleagues.
- **Nourishment/Well-being** – please consume food/beverages as needed to sustain learning throughout the evening in a manner that is not disruptive to your colleagues. This includes consuming lidded beverages and ‘quiet’ food and disposing of any waste in the bins provided to keep our learning environment clean.
- **Technology** - using personal technologies, such as phones and laptops, quietly and in a manner that enhances, not detracts from, the learning environment. For example, ensure that phones do not make audible noise during class (i.e., set ringers to silent mode) and that conduct on mobile devices is not disruptive to peers (i.e., seek out information related to course materials and learning objectives unobtrusively).
- **Late/Missed submission of assignments:** Students are expected to submit assignments by the due dates. Late submission of assignments will result in a penalty of 5% for every day after the deadline. Assignments will not be accepted 5 days after the deadline and the students will receive a grade of ‘0’ (zero) for that assignment.

D. LECTURE BLOCKS

1. January 9th to January 30th: PT

Lecture 1: Introduction to Physiotherapy as a Profession

Lecture 2: Physiotherapy Practice

Lecture 3: PT Admissions and application to Physiotherapy programs

2. February 6th to March 6th: OT

Lecture 1: Introduction to OT and Occupation

Lecture 2: OT Frameworks and the OT process

Lecture 3: OT Practice areas, programs, and admissions

3. March 13th to April 3rd: CSD

Lecture 1: Introduction to Communication Sciences and Disorders and Audiology

Lecture 2: Introduction to Speech-Language Pathology, Aphasia

Lecture 3: Voice disorders, Dysphagia

** No class on Feb. 20th (Family Day/Reading Week)*

** Lecture topics are subject to change as per the discretion of the course instructors and will be communicated to the students.*

E. COURSE MATERIALS

Necessary course information will be posted to OWL, including selected readings for which learners are responsible for accessing the reading through OWL, the library or another source. Selected readings are examinable content for the purpose of this course. **There is no required textbook or reference material to purchase for this course.** Learners are encouraged to seek resources related to PT/OT/CSD (example: respective textbooks, journals and readings online) to supplement their learning. Resources can be accessed based on the content covered in the lectures. The required links to resources will be provided by the instructors in the lectures.

F. EVALUATION

Exams (60%)

A discipline-specific section exam concludes each lecture block, and **each exam is worth 20% of your final grade.** Exams are non-cumulative. Format may include multiple choice, short answer, matching, fill in the blank. Emphasis is placed on application and synthesis of course information (i.e. not memorization of lecture slides). Each student must have a valid academic accommodation request or will receive a grade of zero (0) for a missed exam. All exams will take place in class and **you will have 1.5 to 2 hours to complete each exam (as decided for each instructor)**, unless otherwise accommodated by academic support (<http://academicsupport.uwo.ca/>)

Note: there is no cumulative final exam for this course, but Exam 3 will be held during the final examination period in accordance with university regulations (i.e., no examinations within the three weeks immediately prior to the final examination period).

1. **Exam 1 (PT) – January 30th, 2023**
2. **Exam 2 (OT) – March 6th, 2023**
3. **Exam 3 (CSD) – TBD (during final exam period)**

Individual Assignment (20%)

An individual assignment, where each student will be marked on the quality of the work they submit. Learners are encouraged to collaborate with peers while they develop their assignment, however each learner must submit an individual, and unique, evidence of their knowledge for grading. Assignment instructions and rubric are posted on OWL. More information on the selection of topics will be given on the first day of the class.

- **Due: April 7, 2023 by 11:59 PM**

Group Assignment (20%)

A group assignment, where all members of the group receive the same grade. Learners will select their own groups of 4 to 6 members. To facilitate ease of access to all group members, preparation time is provided throughout the semester during regularly scheduled course time. Refer to the course schedule, assignment outline, and marking rubric in OWL. More information on the selection of topics will be given on the first day of the class.

- **Due: April 7, 2023 by 11:59 PM**

Note: The choice of topic of the group and individual assignments (PT or OT or CSD) will be on a first come basis. Students should email the course manager (Dr. JP Raman) the details of their group by 11:59 pm on January 27th 2023 (failure to do so will result in a penalty of 5% of the total marks awarded for the assignment to all the members of that group). Further details about the choice of topic for the individual and group assignments will be given during the first day of class (in-person on January 9th 2023). Assignment instructions and rubric are posted on OWL.

G. 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 electronic devices during ANY tests, quizzes, midterms, examinations, or other in-class evaluations.

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.

Unless explicitly noted otherwise, you may not make audio or video recordings of lectures – nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.

H. GRADING POLICY

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	Superior work that is clearly above average
B	70-79	Good work, meeting all requirements and eminently satisfactory
C	60-69	Competent work, meeting requirements
D	50-59	Fair work, minimally acceptable.
F	below 50	Fail

It is expected that the grades for this course will fall between [74% and 78%]. In the event that the course average falls outside this range, a constant may be added (or subtracted) from each student's grade, by the instructor, to bring the class average in line with school policy.

Year 1: 68-72

Year 2: 70-74 (core) and 72-76 (elective)

Year 3: 72-76 (core) and 74-78 (elective)

Year 4: 74-80

J. ACADEMIC CONSIDERATION FOR MEDICAL ILLNESS OR NON-MEDICAL ABSENCES

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.mentalhealth.uwo.ca/) 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.healthandwellness.uwo.ca/). 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.*

The University recognizes that a student's ability to meet their academic responsibilities may, on occasion, be impaired by extenuating circumstances, including short-term illness or injury. Reasonable academic consideration is a cooperative process between the University, the student, and academic staff. All participants in the process must act in good faith, and fulfil their respective obligations, if it is to succeed.

Students who experience an extenuating circumstance (illness, injury, or other extenuating circumstance) sufficiently significant as to temporarily render them unable to meet academic requirements, may submit a request for academic consideration through the following routes:

- (i) For medical absences, submitting a Student Medical Certificate (SMC) signed by a licensed medical or mental health practitioner, in order to be eligible for Academic Consideration; or
- (ii) For non-medical absences, submitting appropriate documentation (e.g., obituary, police report, accident report, court order, etc.) to academic advising office in their Faculty of registration, in order to be eligible for academic consideration.

Students seeking academic consideration:

- Are advised to consider carefully the implications of postponing tests or midterm exams or delaying handing in work;
- Are encouraged to make appropriate decisions, based on their specific circumstances, recognizing that minor ailments (e.g., upset stomach) or upsets (e.g., argument with a friend) are not normally an appropriate basis for a self-reported absence;
- **Must communicate with their instructors no later than 24 hours** after the end of the period covered by either the self-reported absence or SMC, or immediately upon their return following a documented absence;
- **Are advised that all necessary documentation, forms, etc. are to be submitted to academic advising office within two business days after the date specified for resuming responsibilities**

K. USE OF COURSE MATERIALS

Course instructors own and retain the intellectual property rights of their teaching materials. These rights extend to materials used in online settings and digital learning management systems like OWL, Zoom and TopHat. Students do not have our permission to make audio or video recordings of lectures, take pictures of lecture material, or distribute any course content for nefarious purposes (E.g. for sale or to cheat on exams). It is the decision of the instructor as to how and when teaching materials can be shared or used. **Unless explicitly noted otherwise, you may not make audio or video recordings of pre-recorded lectures or other course materials. Nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.**

L. ADDITIONAL STATEMENTS

Student Code of Conduct:

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit <http://www.uwo.ca/univsec/pdf/board/code.pdf>.

English Proficiency for the Assignment of Grades:

Visit the website: [Academic Calendar - Western University \(uwo.ca\)](http://www.uwo.ca/academic_calendar/)

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 the following Web site: [Academic Calendar - Western University \(uwo.ca\)](http://www.uwo.ca/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 (<http://www.turnitin.com>)

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.

M. HEALTH AND WELLNESS

As part of a successful undergraduate experience at Western, we encourage you to make your health and wellness a priority. Western provides several on-campus health-related services to help you achieve optimum health and engage in healthy living while pursuing your degree. For example, to support physical activity, all students receive membership in Western's Campus Recreation Centre as part of their registration fees. Numerous cultural events are offered throughout the year. Please check out the Faculty of Music web page (<http://www.music.uwo.ca/>), or the McIntosh Gallery (<http://mcintoshgallery.ca/>). Further information regarding health and wellness-related services available to students may be found at <http://www.health.uwo.ca/>.

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/mental_health_support/) for a complete list of options about how to obtain help. 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/health_wellness/).

N. 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.

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>.

O. SUPPORT SERVICES

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

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

P. COMMON CONCERN 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.

Concern	How to address concern
Course administrative matters	Read through the course outline or email instructor if question cannot be answered from information in the course outline
Course content questions	Refer to the OWL Resources (notes, calendar, etc). Email the instructor.
Grade disputes and requests for appeals	A student requesting an appeal to a specific course with respect to a grade for an assignment or examination must first contact their instructor to discuss such matters. Visit the following website for guide on submitting an appeal: https://uwo.ca/fhs/policies/appeals.html

