

1.2 Course Outline

This course will focus on the neuroscience related to major functions that are the focus of rehabilitation practice (e.g. postural control, locomotion) as well as prevalent neurological conditions that are commonly treated by rehabilitation therapists.

The course is broken up into two sections. The first section of the course will cover the relevant anatomy and physiology of the nervous system. This section is supported by opportunities to see prepared specimens of the brain and spinal cord. The second section will focus on neurological diseases and conditions.

The methods of evaluation in this course are described in detail in Section 3.0 below and will include a midterm, anatomy laboratory quizzes, group project and a final exam.

All concerns regarding the course should be directed to the Course Coordinator.

2.0 COURSE RESOURCES AND MATERIALS

2.1 Recommended Text

Lundy-Ekman L. Neuroscience: fundamentals for rehabilitation. 4th ed. St. Louis, MO; Elsevier Saunders, 2013. ([WL102.LL962n 2013](#)) The textbook is available in the Western Bookstore.

2.2 Other Readings:

Other mandatory readings will be put on reserve in the library or will be available electronically through the internet or library internet holdings, or posted on OWL. Students are responsible for acquiring readings either through library or Internet holdings.

2.3 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 assigned readings. Students are responsible for checking OWL for this course for 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 course instructor will not answer email in OWL. Please contact the instructor by email for difficulties accessing OWL.

3.0 METHODS OF EVALUATION

Mid-term exam	30%
Lab quiz	10%
Final exam	35%
Group assignment	25%

NOTE: your final grade will come from the registrar, not the course in1 0 0k1 0 0 1 198.05 350.S

website as a reference (e.g. Heart and Stroke Foundation of Canada, Rick Hansen Foundation, Society for Neuroscience).

3.3.3 Formatting and Submission

Creativity is acceptable and encouraged! Reports must be typed. It is due at the beginning of class (6:00pm) on **March 22, 2016**. You can submit an electronic or hard copy of the patient handbook.

3.3.4 In-Class Presentation

The group is also expected to give a 15 minute presentation (15 minutes presentation with 5 minutes for questions) on the selected health condition to the class. The material in the presentation will be given at a level that is consistent with being in a university course in this topic area.

3.3.5 Evaluation

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4.0 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-

5.0 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>

