

## **OCCUPATIONAL SOLUTIONS I: OCC1 547**

**Credits:** 6

### **Course Coordinators/Instructors:**

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**Office Hours:** By appointment only

**Teaching Assistant:** TBA

**Course Description:** Assessment and treatment of clients across the lifespan with disorders of the nervous system, and a focus on motor, perceptual- cognitive and behavioural impairments.

**Course Structure:** Course consists of two 3-hour sessions per week (6 hours total) comprising lecture/practical sessions using cases-based/self-directed learning contexts. Clinical site visits are included, as well. Room allocations may vary according to weekly class format and structure. Please check the syllabus and Minerva before each class to confirm room location.

### **I. Professional Competencies**

By participating in this course, the student will be able to:

1. Acquire knowledge of neurological conditions across the lifespan and their impact on the client's functioning and well-being.
  - a) Understand the pathology and impact on occupational performance, activities and participation;
  - b) Identify client strengths, challenges and resources available to assist in client-centered goal setting;

- c) Recognize the unique roles and arenas of occupational therapy practice for pediatric, adult and geriatric clients with neurological conditions.
- 2. Apply appropriate evaluation approaches according to the client's needs and provincial/national regulatory standards.
  - a) Select psychometrically sound assessment tools that are appropriate with respect to: construct of interest, age of the client and environmental context;
  - b) Thoroughly review, demonstrate and analyse the results of selected assessments;
  - c) Formulate a problem list from assessment results, and develop and prioritize treatment goals based on the problem list.
- 3. Develop and apply intervention strategies that address a client's needs in relation to the ICF, within a case-based context.
  - a) Implement a client-centered approach in the care of clients across the lifespan with neurological conditions (and their families).
  - b) Differentiate the different treatment/approaches of OT practice in neuro-rehabilitation and justify their use in the clinical setting;
  - c) Seek, appraise and apply evidence in the literature to clinical interventions in neuro-rehabilitation;
  - d) Develop treatment strategies based on assessment results, treatment goals and treatment approaches tailored to the client's individual needs in order to promote competence and health in occupational performance domains across the lifespan.

## **II. Professional Development**

The student will be able to:

1. Learn to utilise a self-directed approach to acquire and integrate new knowledge to clinical skills;
2. Develop skills in oral and written communication necessary for educating and consulting client, family, team members and students;
3. Value ethical, respectful behavior;
4. Value the importance of advocating on behalf of the clients;
5. Support a collaborative, interdisciplinary team approach.

### **Required Texts:**

1. Case-Smith J. and Clifford O'Brien J. (2010) *Occupational therapy for children: 6th ed. (C-S)*
2. Radomski and Trombly Latham (2008) *Occupational therapy for physical dysfunction: 6th ed. (R&T)*

3. Zoltan B. (2007) *Vision, perception, and cognition: a manual for the evaluation and treatment of the neurologically impaired adult*: 4<sup>th</sup> ed. (Zoltan)

**Additional Readings from the literature will be assigned.**

It is expected that each student independently complete the modules [Physical and Occupational Therapy - Neuroscience Learning Resource for Rehabilitation Students](#) on WebCT, as this information is critical to your understanding of neurological illnesses and your ability to apply evaluation and treatment techniques to this population. The Neuroscience Learning Resource Modules, posted on WebCT, are a self directed activity and the contents of these modules will be incorporated into the course and into the mid-term quiz.

**Student Assignment and Evaluation:**

Assignment	Value
Written and oral assignments (3) 1) Neurological Conditions (group) (10%) 2) Assessments (individual) (15%) Group A - Pediatrics Group B – Adults	25%
Case Based Assignments (group)	15%
Final case presentation(group)	25%
Final Exam(individual)	35%

**In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.**

**Special Requirements for Course Completion and Program Continuation:**

In order to pass the course, a grade of at least C+ (60%) for U3 students or B- (65%) for QY students must be obtained as a total course mark. Both individual and group sections of the course must be passed. A supplemental exam is permitted in this course. Please refer to Section 6.4, Student Evaluation and Promotion, McGill University Health Sciences Calendar for information on University regulations regarding final examinations and supplemental examinations.

**Plagiarism/Academic Integrity:** "McGill University values academic integrity. Therefore, all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student

Conduct and Disciplinary Procedures (see [www.mcgill.ca/students/srr/honest/](http://www.mcgill.ca/students/srr/honest/) for more information.)

"L'université McGill attache une haute importance à l'honnêteté académique. Il incombe par conséquent à tous les étudiants de comprendre ce que l'on entend par tricherie, plagiat et autres infractions académiques, ainsi que les conséquences que peuvent avoir de telles actions, selon le Code de conduite de l'étudiant et des procédures disciplinaires (pour de plus amples renseignements, veuillez consulter le site [www.mcgill.ca/students/srr/honest/](http://www.mcgill.ca/students/srr/honest/))."

**Professional Conduct and Dress Code:** Professionalism and accountability are expected throughout the professional program. This includes the on-going respectful nature of teacher-student as well as student-student interactions. This also applies to dressing. It is each student's responsibility to have appropriate attire during all class assignments and learning activities, particularly during clinic visits.

**Technology in Class:** Your respectful attentive presence is expected, therefore while you are permitted to use your laptop in class, it is understood that you will not be using your laptop or cell-phone for social purposes during class time (e.g. email, msn, sms). Your cell phone should be on silence during class time and phone calls should only take place during the break or after class.

**Attendance:** Attendance is expected for all classes and is mandatory for all lab sessions and clinical site visits. The instructors reserve the right to request attendance in classes where student participation is expected. . Students who have missed more than 10% of laboratory sessions (i.e. more than 2 per term) or who miss any required professional seminar, without prior approval or a medical notice, will have a 10% mark deducted from their final course mark.

**Right to submit in English or French written work that is to be graded:** In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in English or in French any written work that is to be graded.

*"Conformément à la Charte des droits de l'étudiant de l'Université McGill, chaque étudiant a le droit de soumettre en français ou en anglais tout travail écrit devant être noté (sauf dans le cas des cours dont l'un des objets est la maîtrise d'une langue)."*

**Consequences of not completing assignments as requested:** An individual who does not complete a required assignment and who does not have a university recognized reason for deferral will receive a 0 in that portion of the course. Assignments submitted late will receive a deduction of 5% per day, including weekends. All assignments are due by 5:00 pm on the specific due date.

**Disability:** If you have a disability please contact the instructor to arrange a time to discuss your situation. It would be helpful if you contact the Office for Students with Disabilities at 398-6009 before you do this.