

## OCC1 620 WORK AND ERGONOMICS

- Credits:** 3
- Location:** 206/207 McIntyre Building (some classes will occur at different locations, please check course schedule prior to class)
- Prerequisites:** Successful completion of all QY courses including clinical course requirements
- Course Coordinator:** Sara Saunders, PhD, erg.  
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**Course Instructors:** Sara Saunders, Marie-Lyne Grenier and guest lecturers

**Course Structure:** One 2-hour class per week.

**Course Description:** The focus of this course is on the role of occupational therapy in work rehabilitation and disability prevention. This course will introduce students to work disability theory and models employing a systems approach that emphasizes the interaction between the personal, workplace, health care, insurance and overall societal factors that support workplace health. Students will apply principles of work rehabilitation assessment and intervention, including functional capacity evaluation, work hardening, and return to work planning with different client populations. Specifically, students will be provided with opportunities to partner with McGill Departments, including the Faculty of Dentistry, to practice job task analysis and workplace ergonomic evaluation.

**Learning Outcomes:** Upon completion of this course, the student will be able to:

Experts in Enabling Occupation

1. Define and discuss ergonomic principles and their role in promoting workplace health.
2. Conduct an ergonomic evaluation of an office workstation and suggest evidence-based recommendations for improvement in a professional report. (Communicator, Scholarly Practitioner, Professional)
3. Apply work disability theory and models to identify the factors that contribute to workplace health.
4. Conduct a job task analysis and summarize findings in a professional report format. (Communicator, Professional)
5. Define, discuss and critically evaluate functional capacity evaluation results. (Scholarly Practitioner)
6. Identify barriers and facilitators to workplace health and advocate for the role of occupational therapy in work rehabilitation and disability prevention. (Communicator, Change Agent)
7. Use a systems approach to develop safe, ethical, effective and evidence-based return to work programs that engages all stakeholders. (Scholarly Practitioner, Collaborator, Professional)

**Instructional Methods:** This course uses a variety of teaching methods (lectures, hands-on workshops, on-site visits, case studies, videos, etc.) with an emphasis on collaborative knowledge creation through *doing*.

**Course Materials:** Each class will have a designated list of readings and class notes. The class notes and reading list will be posted on 'My Courses'.

**Required Texts:**

1. Braveman, B. (2012). *Work: Promoting Participation & Productivity Through Occupational Therapy*. F.A. Davis Company: USA.
2. Radomski MV & Trombly Latham CA (2014) Occupational Therapy for Physical Dysfunction. 7th Edition, Lippincott, Williams and Wilkins: Baltimore.

**Student Assignment and Evaluation:** A detailed description of each evaluation method will be provided as part of the course schedule on the first day of class.

▪ Ergonomic Workstation Risk Analysis Assignment (Group)	30%
▪ Re-submission of Analysis report (Group)	5%
▪ Job Task Analysis Assignment (Group)	25%
▪ Return to Work Assignment (Individual)	40%

**Special Requirements for Course Completion and Program Continuation:** In order to pass the course, a grade of at least B- (65%) must be obtained as a total course mark. This course falls under the regulations concerning theoretical and practical evaluation as well as individual and group evaluation. Please refer to the section on marks in the Rules and Regulations for Student Evaluation and Promotion of the Occupational Therapy Course Guides.

**Consequences of not completing assignments as requested:** Papers must be submitted before 4 p.m. on the due date. Late submissions will be penalized 5% of the total mark per day, including weekends. Requests for an extension must be accompanied by a medical note. A request for extra time that can be anticipated (e.g. due to a learning difficulty or ongoing illness) must be requested in advance through the Office for Students with Disabilities.

**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/)).*

**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).*

**Attendance:** Students are expected to attend all lectures and actively participate in class discussions.

**Professional Conduct:** Professionalism and accountability are expected throughout the course of the semester. This includes the on-going respectful nature of teacher-student as well as student-student interactions.

**Dress Code:** Professionalism with respect to dressing is encouraged throughout the course of the semester. It is each student's responsibility to have appropriate attire during all class assignments and learning activities.

**Disability:** If you have a disability please contact the instructor to arrange a time to discuss your situation. To receive accommodations, students must be registered with the Office for Students with Disabilities (contact: 514-398-6009).

**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. Your cell phone should be on silence during class time and phone calls should only take place during the break or after class.

**Diversity:** The Occupational Therapy Program recognizes our responsibility to foster a learning environment where students and instructors can engage in dialogue and exchange ideas without being made to feel unwelcome or disrespected in view of their identity or beliefs. The Program intends that the instructional design of all courses minimize any barriers to participation, particularly barriers based on age, biological sex, disability, gender identity or expression, indigenous ancestry, linguistic and cultural background, race/ethnicity, religion, sexual orientation, political views/opinions/ideologies, and any other aspect integral to one's personhood. We therefore recognize our responsibility, both individual and collective, to strive to establish and maintain a respectful environment that is free from discrimination.

**Copyright of course materials:** Instructor generated course materials (e.g., handouts, notes, summaries, exam questions, etc.) are protected by law and may not be copied or distributed in any form or in any medium without explicit permission of the instructor. Note that infringements of copyright can be subject to follow up by the University under the Code of Student Conduct and Disciplinary Procedures.

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