

OCC1 620 WORK AND ERGONOMICS

Credits: 2

Prerequisites: Successful completion of all QY courses including clinical affiliation requirements

Course Coordinator:

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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 occupational therapy evaluation and intervention in work rehabilitation and injury prevention. This course will introduce students to the principles of work disability and work rehabilitation including job demands analysis, functional capacity evaluation, work hardening and return to work. This course will examine the environmental influences on work, the ergonomic principles and assessment, and the fitting of the workplace to the capabilities of the human worker.

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

Experts in Enabling Occupation

1. Define and discuss ergonomic principles and their application to rehabilitation. (communicator)
2. Conduct an ergonomic evaluation of an office workstation and suggest recommendations for improvement.
3. Define and discuss work disability theory and identify the factors that contribute to work disability. (communicator)
4. Define, discuss and critically evaluate functional capacity evaluation protocols. (communicator)

5. Conduct a worksite job task analysis that evaluates the work environment and the job tasks in a given job.
6. Evaluate and elaborate upon intervention strategies to reduce occupational performance barriers limiting clients' ability to return to work. (change agent)
7. Develop safe, effective and evidence-based return to work rehabilitation programs. (scholarly Practitioner)

Instructional Methods: With the use of different teaching methods (lectures, labs, field trips and assignments), the students will be introduced to the main components of work rehabilitation (job tasks analysis, functional capacity evaluation, work hardening, work modification, and return to work). Specific work rehabilitation concerns regarding developmental disabilities, psychosocial issues, traumatic head injuries and mental health are presented. Ergonomic principles are introduced.

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.

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.

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

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.

Plagiarism/Academic Integrity: [Amended by Senate on April 17, 2013]: 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](#).

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](#).

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. 10% of the course mark will be removed at the instructors' discretion for lack of participation and/or attendance.

Consequences of not completing assignments as requested: Late or incomplete submission of assignments will be penalized per day, including weekends, as indicated in the marking scheme for each assignment.

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. It would be helpful if you contact the [Office for Students with Disabilities](#) at 514-398-6009 before you do this.

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.

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