McGILL UNIVERSITY
Faculty of Medicine
School of Communication Sciences & Disorders
2015

Deglutition & Dysphagia
SCSD 680
Number of Credits: 3 Credits
Course Time: Tuesday 10 a.m. – 12 p.m.

Instructor: Nicole Yee-Key Li, Ph.D
Office: Rm 815
Office Phone: 514-398-5933
Office Hours: By appointment (set up by phone or by email)
Email: nicole.li@mcgill.ca

COURSE CONTENT:

Deglutition & Dysphagia is a 3-credit graduate course that provides an overview of swallowing disorders, including causes, assessment, and treatment. The course also addresses the role of the speech-language pathologist in the multidisciplinary handling of patients with swallowing problems.

The general purpose is to provide rudimentary knowledge and skills in assessment and treatment of swallowing problems. The course is designed to provide professional students in speech-language pathology with basic information about (1) anatomy and physiology of normal and disordered swallowing; (2) etiologies affecting swallowing; (3) basic approaches to evaluation of swallowing problems; (4) basic science foundations of swallowing therapy; (5) models of behavioral and surgical treatment of swallowing problems.

LEARNING OUTCOMES:
Upon completion of this course, students are expected to demonstrate:

- knowledge of the principles of biological sciences
- knowledge of anatomy and physiology related to swallowing
- knowledge of the etiologies or pathologies related to dysphagia
- knowledge of conducting clinical evaluation for dysphagia
- knowledge of the current research in the assessment and treatment of dysphagia
- knowledge of SLP’s role in dysphagia treatment and rehabilitation
- knowledge of processes used in research and integration of research principles into evidence-based clinical practice in dysphagia disorders
- problem-solving skills in diagnosing and treating dysphagia based on the information learned in this and previous courses.

INSTRUCTIONAL METHOD:
- Lectures, demonstrations, assignments, and student participation
COURSE MATERIALS:
- MBSimp (University Student access) http://www.northernspeech.com/ecourse_detail/1000118/Assessment_Tests_Screening_Tools/1000992/MBSimp_Training_and_ndash_University_andnbspStudent_Access/
- Additional readings: will be available on myCourses and can be obtained electronically through the McGill libraries.

ASSIGNMENTS & EVALUATION:
Grades will be determined from the two exams on lecture material, two exams, MBSimp, and one group presentation.

MBSimp Training 40%
Group Presentation 20%
Mid-term Exam 20%
Final Exam 20%

MBSimp: The MBSimp is an online training program for interpreting Modified Barium Swallow Studies. The MBSimp is self-paced and requires about 25-30 hours of time to complete the program. You will receive 10, 10, 20 points for successfully completing the modules of learning phrase, training phase and reliability phase respectively, with a total of 40 points.

McGILL POLICY STATEMENTS:
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/ for more information).

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.

Refer to the following for further guidelines and for additional Policy Statements that can be added:
http://www.mcgill.ca/tls/resources/outline/#OUTCOMES

LATE ASSIGNMENTS:
Students are expected to complete assignments, exams, and presentations at times assigned by instructors. In the event that a student is unable to complete work on time, s/he should contact the instructor and provide a reason for requesting an extension prior to the deadline.

Instructors will indicate to the student whether their reason is sufficient to warrant an extension. All medical excuses must be followed by a letter from a doctor specific to that particular absence. Unexcused incomplete work (assignment, exams, and presentations) will result in failure or reduction in grade points.

ABSENCE FROM EXAMINATION:
Supplemental examination will only be given to students who have a medical certificate, or are absent for religious holidays.

CREDITS:
A debt of gratitude to Dr. James Coyle (University of Pittsburgh), Michelle Ciucci and Rebecca Bartlett for their generosity of sharing their course materials.
<table>
<thead>
<tr>
<th>Date</th>
<th>Lesson</th>
<th>Topic</th>
<th>Reading</th>
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</thead>
<tbody>
<tr>
<td>Jan 6</td>
<td>1</td>
<td>Anatomy and physiology of swallowing</td>
<td>Ch. 1</td>
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<td>Jan 13</td>
<td>2</td>
<td>Neurocontrol of swallowing</td>
<td>Ch. 1</td>
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<td>Jan 20</td>
<td>3</td>
<td>Non-instrumental evaluation of swallowing</td>
<td>Ch. 8, 10</td>
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<tr>
<td>Jan 27</td>
<td>4</td>
<td>Instrumental evaluation of swallowing</td>
<td>Ch. 14-17</td>
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<td><strong>MBSimp learning phase due</strong></td>
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<tr>
<td>Feb 3</td>
<td>5</td>
<td>Instrumental evaluation of swallowing</td>
<td>Ch. 11-13</td>
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<tr>
<td>Feb 10</td>
<td>6</td>
<td>Etiologies of swallowing disorders</td>
<td>Ch. 3-5</td>
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<td>Feb 17</td>
<td>7</td>
<td><strong>Midterm Written Exam</strong></td>
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<td>Feb 24</td>
<td>8</td>
<td>Etiologies of swallowing disorders</td>
<td>Ch. 3-5</td>
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<td>Mar 10</td>
<td>9</td>
<td>Swallowing treatment</td>
<td>Ch. 18</td>
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<td><strong>MBSimp training phase due</strong></td>
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<tr>
<td>Mar 17</td>
<td>10</td>
<td>Swallowing treatment</td>
<td>Ch. 18</td>
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<td>Mar 24</td>
<td>11</td>
<td>FEES Lab at MGH Hospital with Dr. Karen Kost</td>
<td>Ch. 13</td>
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<td>No class in the morning. The lab will be 3:15-5:15 p.m.</td>
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<td>Mar 31</td>
<td>12</td>
<td>Hands-on lab of swallowing assessment by Ms. Anna Baudier</td>
<td><strong>MBSimp reliability phase due</strong></td>
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<td>Apr 7</td>
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<td>Hands on lab of swallowing treatment techniques/ special cases by Ms. Anna Baudier</td>
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<td>Apr 14</td>
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<td><strong>Case Presentations and Discussions</strong></td>
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<td>Apr 21</td>
<td>15</td>
<td><strong>Final Written Exam (Cumulative)</strong></td>
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* Additional readings will be assigned before the class.