NOTE:

It is the student’s responsibility to retain copies of all curriculum information such as course outlines/objectives. If you are planning to work outside of Manitoba, you may need these documents for credentialing purposes. Please be advised that should copies of any course syllabi be required, there is a cost associated with this request. The College of Rehabilitation Sciences will not assume responsibility to provide missing documentation.

ACADEMIC INTEGRITY:

It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.
### COURSE OUTLINES: MPT1 ACADEMIC YEAR

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Start</th>
<th>Course Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 6100</td>
<td>Foundations of Physical Therapy</td>
<td>5</td>
<td>Fall 2020</td>
<td>S. Conci</td>
</tr>
<tr>
<td>PT 6110</td>
<td>Foundations of Evidenced-Based Practice 1</td>
<td>1</td>
<td>Fall 2020</td>
<td>B. MacNeil</td>
</tr>
<tr>
<td>PT 6124</td>
<td>Physical Therapy and Hospital Based Care</td>
<td>4</td>
<td>Winter 2021</td>
<td>L. Harvey</td>
</tr>
<tr>
<td>PT 6130</td>
<td>Applied Sciences for Physical Therapy 1</td>
<td>4</td>
<td>Fall 2020</td>
<td>B. MacNeil</td>
</tr>
<tr>
<td>PT 6140</td>
<td>Neuromusculoskeletal Anatomy for Physical Therapy</td>
<td>3</td>
<td>Fall 2020</td>
<td>M. Garrett</td>
</tr>
<tr>
<td>PT 6221</td>
<td>Clinical Skills for Physiotherapy in Neuromusculoskeletal Conditions 1</td>
<td>6</td>
<td>Fall 2020</td>
<td>M. McMurray</td>
</tr>
<tr>
<td>PT 6224</td>
<td>Clinical Skills for Physiotherapy in Neuromusculoskeletal Conditions 2</td>
<td>6</td>
<td>Fall 2020</td>
<td>M. McMurray</td>
</tr>
<tr>
<td>PT 6230</td>
<td>Applied Sciences for Physical Therapy 2</td>
<td>6</td>
<td>Fall 2020</td>
<td>J. Parsons</td>
</tr>
<tr>
<td>PT 6250</td>
<td>Integrated Practice for Neuromusculoskeletal Conditions</td>
<td>3</td>
<td>Winter 2021</td>
<td>L. Harvey</td>
</tr>
<tr>
<td>PT 6260</td>
<td>Physiotherapy Practice and Professional Issues 1</td>
<td>3</td>
<td>Winter 2021</td>
<td>M. Fricke</td>
</tr>
<tr>
<td>PT 6291</td>
<td>Neuromusculoskeletal Clinical Education 1</td>
<td>6</td>
<td>Winter 2021</td>
<td>M. Garrett</td>
</tr>
<tr>
<td>PT 6292</td>
<td>Neuromusculoskeletal Clinical Education 2</td>
<td>6</td>
<td>Winter 2021</td>
<td>M. Garrett</td>
</tr>
<tr>
<td>PT 6310</td>
<td>Foundations of Evidenced-Based Practice 2</td>
<td>1</td>
<td>Spring 2021</td>
<td>B. MacNeil</td>
</tr>
</tbody>
</table>
# COURSE DETAILS

**Course Title & Number:** PT 6100 Foundations of Physical Therapy

**Number of Credit Hours:** 5

**Class Times & Days of Week:** Variable

**Location for classes/labs/tutorials:** Variable

**Pre-Requisites:** Integrated content from PT 6221, PT 6224 and PT6140

---

### Course Coordinator Contact Information

**Coordinator Name:** Sarah Conci

**Preferred Form of Address:** Sarah

**Office Location:** R133 Rehabilitation Bldg.

**Office Hours/Availability:** Visit me in my office with your questions or concerns any time. I am typically available from 8:00am - 4:00pm. You may also contact me by phone or e-mail to arrange an appointment.

**Office Phone Number:** 204-977-5637

**Email:** Sarah.Conci@umanitoba.ca

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.

### Teaching Team:

- Moni Fricke, R030, Rehab Bldg., Moni.Fricke@umanitoba.ca
- Liz Harvey, R034 Rehab Bldg, Elizabeth.Harvey@umanitoba.ca
- Ruth Barclay, RR 323A Rehabilitation Hospital, Ruth.Barclay@umanitoba.ca

### Guest lecturers or tutorial leaders:

- Marcia Anderson, Community Health Sciences, (204-789-3383)
Debra Beach-Ducharme, Director Indigenous Health, Ongomiizwin Health Services (204) 789-3521
Leah Deane, Student Support Services, http://umanitoba.ca/student/
Margaret Lavallee, Elder in Residence, Margaret.Lavallee@umanitoba.ca
Reese Malone, Diversity Essentials, (204) 471-8771
Lisa Mendez, Department of OT, Lisa.Mendez@umanitoba.ca
Adrian Salonga, Health Sciences Centre, asalonga@hsc.mb.ca
Independent Living Resource Centre, (204) 947-0194 ext. 315
Leanne LeClaire, Department of OT, R117 Rehab Bldg., Leanne.Leclair@umanitoba.ca
Jodene Neufeld, Department of OT, R110 Rehab Bldg., Jodene.Neufeld@umanitoba.ca

Course Description
Through lecture, labs and seminars, students are introduced to the theory of physical therapy knowledge, skills, attitudes and behaviours. Course content includes conceptual frameworks, principles surrounding safe and ethical professional conduct in the current health care environment.

General Course Information
This course involves lectures, interactive sessions with invited speakers and on-site experiences. Foundational concepts across the lifespan will be introduced and include topics that deal with health / disablement models, cultural sensitivity and professional communication skills. The course is delivered by faculty members who from time to time will have invited speakers (patients, physiotherapists) who will share their personal experiences with the class. This course promotes the PT students' transformative journey into professional reflective practice.

Course Goals
Upon successful completion of this course students will be able to:

1. Use oral and non-verbal communication effectively;
2. Integrate self-reflection and external feedback to improve personal practice;
3. Act with professional and academic integrity, behaving ethically, with honesty and respect for others;
4. Contribute to effective teamwork, and to the learning of others;
5. Integrate professional values and beliefs into one’s own set of values;
6. Facilitate collaborative relationships, explain the role of PT;
7. Describe the benefits of interprofessional collaborative care;
8. Ensures a safe practice environment including physical and emotional safety of the client e.g. sensitive practice;
9. Reflect on the consequences of colonialism on Indigenous health; Employ a client-centered approach and behave in a manner that values diversity;
10. Employ a client-centered approach and behave in a manner that values diversity;
11. Apply legal and regulatory health legislation as it relates to physical therapy;
12. Demonstrate awareness of the social determinants of health and emerging trends that may impact physiotherapy practice;
13. Maintain personal wellness consistent with the needs of practice;
14. Establish a pathway of critical thinking that considers client centred care, ethical decision making, hypothesis making, the International classification of Function and Disability, motor control/learning, evidence-informed practice and clinical decision making;
15. Determine patient goals, assess stage of behaviour change and educate/motivate the client;
16. Assess risk factors: Practice obtaining a subjective history with a focus on lifestyle including physical activity, smoking, and nutrition; and
17. Analyze clinical information from the standardized client lab using the Conceptual Framework for Clinical Practice.

Using Copyrighted Material
Please respect copyright. All content in this course is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other students in the course.

Textbook, Readings, Materials
1. REQUIRED TEXTBOOKS / READINGS:
There are no required textbooks for this course.
In general, a list of selected readings will be provided at each learning session. Students are expected to retrieve a copy of materials by accessing appropriate resources through the University of Manitoba Libraries.

2. UM Learn (learning system-electronic access)
   a. Course syllabus
   b. Assigned readings
   c. Lab documents
   d. Assignment / presentation instructions and evaluation rubrics
   e. Presentations
   f. Lab group lists and schedules

3. RECOMMENDED TEXTBOOKS

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is
on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit:
http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students

Attendance is expected at all learning sessions as per the UM policy; please e-mail the course coordinator if you are absent for any reason. Students are also expected to prepare ahead of time for the learning sessions by reading the course notes and appropriate sections in the reference material and contribute to classroom discussion on related topics.

Clinical Lab outlines recommend that T-shirts, sports bra for female students, shorts and running shoes be worn for these labs. For the labs where students will be encountering standardized clients or model patients, students will be required to wear professional attire. Professional attire is expected for all clinical skills assessments. In addition to proper attire, students are also advised to bring their own personal equipment (goniometer, stethoscope, watch) when indicated on the lab schedule.

Students are encouraged to practice skills beyond the scheduled lab time. If practicing in the CoRS building, please ensure that the equipment is put away and room tidied prior to locking the room.

“Students are reminded that for each clinical skill lab they are responsible for informing the instructor of any acute or chronic health issues that could be impacted by clinical skills that will be practiced during a specific lab. High blood pressure, haemophilia, and joint damage are only a few of many conditions which could put a student’s health at risk if he/she was a patient or practice subject. As the instructor is not acting as the student’s personal physical therapist, the instructor will not have access to student’s health history. A student is unable to determine whether a physical therapy assessment or treatment skill poses a risk to his/her health, therefore it is vital for a Physical Therapy Student to inform the Instructor of any acute or chronic health issues prior to participating in a clinical skills lab. Based on the student’s information, the instructor will determine the student’s degree of safe participation in the lab.” (Refer to the complete policy in the MPT Syllabus Guide, 2018-19).
Students Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services [http://umanitoba.ca/student-supports/accessibility](http://umanitoba.ca/student-supports/accessibility)
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

Britt Harvey Britt.Harvey@umanitoba.ca, 469 University Centre, (204) 295-9032

Students Can Expect

Students may expect that classes begin on time and end within the designated time period. Instructors are there to lecture and facilitate in class discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the classroom setting.

COURSE CONTENT:

For the most updated course schedule and content: Go to [https://universityofmanitoba.desire2learn.com](https://universityofmanitoba.desire2learn.com), log on using your UM NetID, and choose PT 6100 Foundations of Physical Therapy

Teaching Team:

SCo = S. Conci; MFr = M. Fricke; MA = M. Anderson; RB = R. Barclay; DBD = D. Beach-Ducharme; LD = L. Deane; LH = L. Harvey; ML = M. Lavallee; LL = L. LeClaire; JN = J. Neufeld; RM = R. Malone; LM = L. Mendez

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Philosophy of EBP &amp; PICO Format</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Outcome Measures</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Finding the Evidence</td>
<td>Split Group Lab</td>
<td>BMac, HL</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Finding the Evidence</td>
<td>Split Group Lab</td>
<td>BMac, HL</td>
<td>1</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------</td>
<td>----------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>1.00</td>
<td>Outcome Measures</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Intervention Studies/RCTs</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intervention Studies/RCTs</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Epidemiology Studies</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Diagnostic Tests</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Summarizing the Evidence</td>
<td>Lecture</td>
<td>RB</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Clinical Practice Guidelines</td>
<td>Lecture</td>
<td>BMac</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Qualitative Research</strong></td>
<td>Large Group Tutorial</td>
<td>MFr</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Exam</td>
<td>Exam Assessment</td>
<td>BMac</td>
<td></td>
</tr>
</tbody>
</table>
COURSE DETAILS

Course Title & Number: PT 6110: Foundations of Evidence-Based Practice I

Number of Credit Hours: 1

Class Times & Days of Week: variable; refer to timetable

Location for classes: variable; refer to timetable

Course Coordinator Contact Information

Name: Brian MacNeil

Office Location: R213 (2nd floor Rehabilitation Building, 771 McDermot Ave.)

Contact: Please contact me via email to set up a time to meet if you would like to discuss something about the course. You may also contact individual instructors in the course directly via their university email addresses.

Office Phone No: 204-977-5635

Email: Brian.MacNeil@umanitoba.ca

All email communication must conform to the Communicating with Students University policy

Teaching Team: Brian MacNeil, Brian.MacNeil@umanitoba.ca
Hal Loewen, Hal.Loewen@umanitoba.ca
Moni Fricke, Moni.Fricke@umanitoba.ca
Ruth Barclay-Goddard, Ruth.Barclay@umanitoba.ca

Course Description

Students will learn to critically evaluate the evidence for physical therapy practice and rehabilitation and will be challenged to become involved in contributing to the evidence for their future practice.

General Course Information

The goal of this course is to equip students with the basic skills to formulate a clinical question, effectively locate and retrieve relevant evidence and to appraise the quality of the evidence. Further, this course will provide students with an overarching framework of the strengths of evidence supplied from various types of research designs and evidence summaries including clinical practice guidelines.
Course Goals

The objectives for the course include:
1. Use oral and non-verbal communication effectively.
2. Integrate self reflection and external feedback to improve personal practice.
3. Act with professional and academic integrity, behaving ethically, with honesty and respect for others.
4. Contribute to effective teamwork and to the learning of others.
5. Use an evidence-informed approach in practice.
6. Explain the principles of Evidence-Based Practice.
7. Develop information literacy competencies as they relate to physical therapy, specifically;
   a. Formulate a focused and searchable clinical research question using the PICO format.
   b. Perform a search of electronic databases to retrieve evidence.
   c. Critically appraise research literature by assessing the validity and results of a study and determining the applicability of the findings.
   d. Differentiate the different types of evidence; single study, systematic review, meta-analysis, clinical practice rules/guidelines.

Using Copyrighted Material

Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other students in the course.

Textbook, Readings, Materials

Course notes are provided for each lecture and constitute the primary examinable content along with the lecture content. There is no assigned textbook although students looking for additional reading are referred to:


Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Student Accessibility Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (©S Kondrashov. Used with permission)
Class Communication

The University requires all students to activate an official University email account. Please note that all communication between faculty and students must comply with the electronic communication with student policy: (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students

It is expected that students will attend all classes and participate in class discussions. If you need to be absent for some reason, please contact the instructor and the course coordinator ahead of time to discuss the reason for the absence. Students are expected to review lecture materials before class and come prepared to engage in discussion.

Students Accessibility Services

Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services  http://umanitoba.ca/student/saa/accessibility/
520 University Centre
204 474 7423
Student_accessibility@umanitoba.ca

Class Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Course Title</th>
<th>Location</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed Aug 19</td>
<td>Course Introduction</td>
<td>BMac</td>
<td>0.50</td>
</tr>
<tr>
<td>Wed Aug 19</td>
<td>Philosophy of EBP &amp; PICO Format</td>
<td>BMac</td>
<td>1.50</td>
</tr>
<tr>
<td>Tue Aug 25</td>
<td>Outcome Measures</td>
<td>BMac</td>
<td>1.00</td>
</tr>
<tr>
<td>Fri Aug 28</td>
<td>Finding the Evidence</td>
<td>HL</td>
<td>1.50</td>
</tr>
<tr>
<td>Fri Aug 28</td>
<td>Finding the Evidence</td>
<td>HL</td>
<td>1.50</td>
</tr>
<tr>
<td>Fri Sep 04</td>
<td>Outcome Measures</td>
<td>BMac</td>
<td>1.00</td>
</tr>
<tr>
<td>Tue Sep 15</td>
<td>Intervention Studies/RCTs</td>
<td>BMac</td>
<td>1.00</td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. "All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. “

1. **Late assignments:** Unless otherwise specified in the assignment details and description handed out in a learning session, assignments are due to the instructor assigning the evaluation at 4 pm on the date that they are due. A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part there-of, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case by case basis.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written exam 1: Short answer/MCQ, cumulative; Dec 14</td>
<td>50%</td>
</tr>
<tr>
<td>Written assignments:</td>
<td></td>
</tr>
<tr>
<td>1) Finding and retrieving the evidence</td>
<td>15%</td>
</tr>
</tbody>
</table>
Plagiarism and cheating:
This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students
Writing and Learning Support
The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.
You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)
As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research
process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit http://umanitoba.ca/copyright for more information.
Section (d): Online University and Unit policies, procedures, and supplemental information

Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar [http://umanitoba.ca/student/records/academiccalendar.html](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/Registrar/](http://umanitoba.ca/Registrar/)

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:  
  
  Respectful Work and Learning Environment  

  Student Discipline  
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html)

  and,

  Violent or Threatening Behaviour  

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: [http://umanitoba.ca/admin/governance/governing_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html) More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

- For information about rights and responsibilities regarding Intellectual Property view the policy [http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)
For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

**Student Advocacy**
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
COURSE DETAILS

Course Title & Number: PT 6124 Physical Therapy and Hospital Based Care

Number of Credit Hours: 4

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: PT6100 Foundations of Physical Therapy; PT6130 Applied Sciences for Physical Therapy 1; PT6140 Anatomy for Physical Therapy

Course Coordinator Contact Information

Coordinator Name: Liz Harvey

Preferred Form of Address: Liz

Office Location: R034, Rehabilitation Bldg.

Office Hours/Availability: Visit me in my office with your questions or concerns any time. If I am not in my office, please contact me by e-mail or phone and we can arrange an appointment for another time.

Office Phone Number: 204-977-5656

Email: Liz.Harvey@umanitoba.ca

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.
Teaching Team:
Mirei Belton, Health Sciences Centre, mbelton@exchange.hsc.mb.ca
Maria Froese, Health Sciences Centre, m froese3@exchange.hsc.mb.ca
Mark Garrett, R135, Rehab Bldg., 789-3420, Mark.Garrett@umanitoba.ca
Patrick Gross, Health Sciences Centre, PGross@exchange.hsc.mb.ca
Liz Harvey, R034, Rehab Bldg., 977-5656, Liz.Harvey@umanitoba.ca
Greg Hodges, R116, Rehab Bldg., Greg.Hodges@umanitoba.ca
Joanne Parsons, Rehab Hosp., RR355A, 787-1019, Joanne.Parsons@umanitoba.ca
Maureen Walker, R216, Rehab Bldg., 977-5640, Maureen.Walker@umanitoba.ca
Sandra Webber, Rehab Hosp., RR311, 787-1099, Sandra.Webber@umanitoba.ca

Course Description
Through lecture, tutorial and laboratory sessions, students learn the role of physical therapy in Hospital-based care across the lifespan. Students will learn knowledge, skills, and behaviors which support physical therapy assessment and treatment skills.

General Course Information
This course prepares the student to provide safe and effective physiotherapy care in the hospital setting for patients with predominantly neuromusculoskeletal conditions, which limit their mobility. Class work includes lectures (involving in-class small group work), and tutorial sessions (involving small and large group work). Faculty instructors teach clinical skills in laboratories where the students themselves will act as practice patients. A site visit occurs early in this course to provide students with a preview to what hospital practice entails. Students are expected to: prepare for learning activities by completing the required readings and reviewing instructional videos; engage in independent practice of clinical skills where self and peer evaluation occurs to support learning; integrate information learned from previous learning; and apply components of the Department of Physical Therapy Conceptual Framework to learning sessions.

Course Goals
Upon successful completion of this course students will be able to:

1. Reflect on experiences and observations associated with the hospital clinical visit;
2. Describe selected NMSK elective and traumatic surgical procedures in adult and pediatric clients including medications, dressings, and lines and tubes;
3. Summarize the acute effects and common post-operative complications of surgery, medication and physical inactivity on all body systems in adult and pediatric clients;
4. Conduct client assessment: for orthopedic pre-operative outpatient and orthopedic inpatient, and the amputee patient;
5. Establish a diagnosis and prognosis for physiotherapy care relevant to the orthopedic hospital inpatient);
6. Develop, implement, monitor and evaluate an intervention plan for the orthopedic pre-operative outpatient and post-operative inpatient, and the amputee patient in order to prevent complications and restore/maximize function;
7. Use written communication effectively through basic charting skills;
8. Complete or transition care incorporating relevant community resources;
9. Facilitate collaborative relationships by understanding the roles of other health care team members;
10. Use an evidence-informed approach in practice; applying the Clinical Decision-Making Process when discussing clinical cases and when engaging with model patients;
11. Use oral and non-verbal communication effectively by demonstrating professional behaviour and respectful communication with participants in education activities;
12. Integrate self-reflection and external feedback to improve personal practice;
13. Act with professional integrity;
14. Contribute to effective teamwork and the learning of others;
15. Ensure client physical and emotional safety;
16. Ensure a safe practice environment;
17. Employ a client-centred approach for the orthopedic pre-operative outpatient and post-operative inpatient;
18. Adapt communication approach to context;
19. Utilize resources efficiently and effectively: through discussion of access to services and availability of equipment and supplies;
20. Supervise others: specifically assigning care to the rehabilitation assistant;
21. Champion the health needs of clients;
22. Contribute to the learning of others.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials

4. RECOMMENDED TEXTBOOKS / READINGS:
   c. Mock charts
   e.

5. UM Learn (learning system-electronic access)
   a. Course syllabus
   b. Assigned readings
c. Lab documents  
d. Assignment rubrics  
e. Lab group lists and schedules

6. RECOMMENDED EQUIPMENT  
   a. Stethoscope—available from the U of M bookstore  
   b. Watch with a second hand or digital read-out  
   c. Laptop

---

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (©S Kondrashov. Used with permission)

---

Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

---

Expectations of Students
Attendance is expected at all learning sessions; please email the course coordinator if you are absent for any reason. Students are also expected to prepare ahead of time for the learning sessions by reading the course notes and appropriate sections in the reference material and contribute to classroom discussion on related topics.

Clinical Lab outlines recommend that T- shirts, shorts and running shoes be worn for these labs. For the labs where students will be encountering standardized clients or model patients, students will be required to wear professional attire. Professional attire is expected for all clinical skills assessments including long hair pulled back and no wearing of a hat. In addition to proper attire, students are also advised to bring their own personal equipment (stethoscope, watch) when indicated on the lab schedule.

Students are encouraged to practice skills beyond the scheduled lab time. If practicing in the CoRS building, please ensure that the equipment is put away and room tidied prior to locking the room.
Students are reminded that for each clinical skill lab they are responsible for informing the instructor of any acute or chronic health issues that could be impacted by clinical skills that will be practiced during a specific lab. High blood pressure, haemophilia, and joint damage are only a few of many conditions which could put a student’s health at risk if he/she was a patient or practice subject.

As the instructor is not acting as the student’s personal physical therapist, the instructor will not have access to student’s health history. A student is unable to determine whether a physical therapy assessment or treatment skill poses a risk to his/her health, therefore it is vital for a Physical Therapy student to inform the Instructor of any acute or chronic health issues prior to participating in a clinical skills lab. Based on the student’s information, the instructor will determine the student’s degree of safe participation in the lab. (Refer to the Syllabus Guide for the complete policy).

Students Accessibility Services

Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services http://umanitoba.ca/student/saa/accessibility/
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

Students Can Expect
Students may expect that classes begin on time and end within the designated time period. Instructors are there to lecture and facilitate class discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the classroom setting. Students also may expect that equipment is available for learning and practicing skills. If equipment is not functioning or not available, students may contact the course coordinator.

COURSE CONTENT:

For the most updated course schedule and content: Go to http://www.umanitoba.ca/D2L, log on using your UM NetID and choose PT 6124 Physical Therapy and Hospital Based Care.

Faculty Coaches: MB= M. Belton, MFr=M. Froese, MG=M. Garrett, PG=P. Gross, LH= L. Harvey, GH=G. Hodges, JLP=J. Parsons, MW=M. Walker, SW=S. Webber, TBD
<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>PT Role in Hospital In-patient Care</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>In Patient</td>
<td>Site Visit</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>2.50</td>
<td>Ax: Body Systems and Medical Implications</td>
<td>Self-Study</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>3.00</td>
<td>In Patient</td>
<td>Site Visit</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2.50</td>
<td>Ax: Body Systems and Medical Implications</td>
<td>Self-Study</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Balance Training plus lab</td>
<td>Lecture</td>
<td>BSch</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Surgical Procedures-Adults</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Balance</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Balance</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Body Systems and Medical Implications</td>
<td>Large Group Tutorial</td>
<td>GH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Surgical Procedures-Children</td>
<td>Lecture</td>
<td>Mfer</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Pre Hab</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: Systems Review</td>
<td>Split Group Lab</td>
<td>GH, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Patient Handling</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: Systems Review</td>
<td>Split Group Lab</td>
<td>GH, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Functional Status: Bed Mobility</td>
<td>Split Group Lab</td>
<td>LH, MW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Functional Status: Bed Mobility</td>
<td>Split Group Lab</td>
<td>LH, MW</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Bariatric Care</td>
<td>Lecture</td>
<td>SE</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Functional Status: Transfers</td>
<td>Split Group Lab</td>
<td>LH, MW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Functional Status: Transfers</td>
<td>Split Group Lab</td>
<td>LH, MW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Case Studies I</td>
<td>Large Group Tutorial</td>
<td>GH</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>------------------------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #1</td>
<td>Exam Assessment</td>
<td>LH, TBA</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Systems Review &amp; Functional Status</td>
<td>Review Lab</td>
<td>LH, GH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Systems Review &amp; Functional Status</td>
<td>Review Lab</td>
<td>LH, GH</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Systems Review &amp; Functional Status</td>
<td>Clinical Skills Assessment</td>
<td>GH, LH, MW, BLS, JLP</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Systems Review &amp; Functional Status</td>
<td>Clinical Skills Assessment</td>
<td>GH, LH, MW, BLS, JLP</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Overview</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Preventing Complications</td>
<td>Split Group Lab</td>
<td>LH, GH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Preventing Complications</td>
<td>Split Group Lab</td>
<td>LH, GH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Restoring Function I: Gait Aids</td>
<td>Split Group Lab</td>
<td>LH, MG</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Restoring Function I: Gait Aids</td>
<td>Split Group Lab</td>
<td>LH, MG</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Restoring Function II: Gait Aids</td>
<td>Split Group Lab</td>
<td>LH, MG</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Restoring Function II: Gait Aids</td>
<td>Split Group Lab</td>
<td>LH, MG</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Ax: Amputations</td>
<td>Large Group Lab</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Preventing Complications &amp; Restoring Function</td>
<td>Review Lab</td>
<td>LH, GH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Preventing Complications &amp; Restoring Function</td>
<td>Review Lab</td>
<td>LH, GH</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: Preventing Complications &amp; Restoring Function</td>
<td>Clinical Skills Assessment</td>
<td>LH, GH, MW, MG, JLP</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: Preventing Complications &amp; Restoring Function</td>
<td>Clinical Skills Assessment</td>
<td>LH, GH, MW, MG, JLP</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations: Pre Prosthetic Rehab</td>
<td>Large Group Lab</td>
<td>MG, PG, MB</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations: Componentry</td>
<td>Large Group Lab</td>
<td>MG, PG, MB</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Case Studies II</td>
<td>Large Group Tutorial</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------</td>
<td>----------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>1.50</td>
<td>Functional Outcome Measures</td>
<td>Split Group Lab</td>
<td>NRA, MFr, SW</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Functional Outcome Measures</td>
<td>Split Group Lab</td>
<td>NRA, MFr, SW</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations: Prosthetic Rehab</td>
<td>Large Group Lab</td>
<td>MG, PG, MB</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations: Stump Bandaging</td>
<td>Large Group Lab</td>
<td>MG, PG, MB</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Screening for Falls</td>
<td>Large Group Tutorial</td>
<td>NRA</td>
<td></td>
</tr>
<tr>
<td>2.50</td>
<td>Surgical &amp; Prehab</td>
<td>Split Group Lab</td>
<td>LH, GH, MW, JLP, MM</td>
<td>2</td>
</tr>
<tr>
<td>2.50</td>
<td>Surgical &amp; Prehab</td>
<td>Split Group Lab</td>
<td>LH, GH, MW, JLP, MM</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Amputations Gait Deviation</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations U/E Rehab</td>
<td>Model Patient Lab</td>
<td>MG</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Amputations U/E Rehab</td>
<td>Model Patient Lab</td>
<td>MG</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Dischage Planning</td>
<td>Large Group Tutorial</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax &amp;Tx: Swelling</td>
<td>Model Patient Lab</td>
<td>MG, MFro, BLS</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax &amp;Tx: Swelling</td>
<td>Model Patient Lab</td>
<td>MG, MFro, BLS</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #2</td>
<td>Exam Assessment</td>
<td>LH, TBA</td>
<td></td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. “All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. A student is allowed up to 3 opportunities to receive a satisfactory mark in the clinical skills assessment. If a student does not achieve a satisfactory rating after the third attempt at the assessment, the student will register a fail in the clinical assessment component.”

The table below identifies the assessment components.

<table>
<thead>
<tr>
<th></th>
<th>Content</th>
<th>Course value</th>
<th>Duration (hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Written Components</strong></td>
<td><strong>Written Assessment 1</strong>: Short answer/MCQ, content to be examined encompasses material from “Role of PT in Hospital Care” up to and including “Case Studies 1”.</td>
<td>45%</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Written Assessment 2</strong>: Short answer/MCQ, content to be examined encompasses material from “Overview of Treatment” up to and including “Ax/Tx: Swelling”.</td>
<td>45%</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Chart note Assessment</strong>: Individual marks</td>
<td>10%</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Clinical Skills Component</strong></td>
<td><strong>Clinical Skills Assessment 1</strong>: Physical Therapy Assessment: Systems Review and Functional status</td>
<td>Pass / Fail</td>
<td>.75</td>
</tr>
<tr>
<td></td>
<td><strong>Clinical Skills Assessment 2</strong>: Physical Therapy Treatment: Preventing Precautions, Restoring Function.</td>
<td>Pass / Fail</td>
<td>.75</td>
</tr>
</tbody>
</table>
Appendix

Late assignments: Unless otherwise specified in the assignment details and description handed out in learning session, assignments are due to the instructor assigning the evaluation at 4 pm on the date that they are due. A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part there-of, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case by case basis.

Plagiarism and cheating:

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.
University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site: http://umanitoba.ca/student/livewell/index.html
Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community. Visit http://umanitoba.ca/copyright for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information

Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: http://umanitoba.ca/admin/governance/governing_documents/community/230.html
information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

For information about rights and responsibilities regarding Intellectual Property view the policy [http://umanitoba.ca/admin/governance/governing_documents/community/235.html](http://umanitoba.ca/admin/governance/governing_documents/community/235.html)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/) or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

**Student Advocacy**
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
Course Title & Number: PT 6130: Applied Sciences for Physical Therapy I

Number of Credit Hours: 4

Class Times & Days of Week: variable; refer to timetable

Location for classes: variable: refer to timetable

Course Coordinator Contact Information

Name: Brian MacNeil

Office Location: R213 (2nd floor Rehabilitation Building, 771 McDermot Ave.)

Contact: Please contact me via email at brian.macneil@umanitoba.ca to set up a time to meet (virtually) if you would like to discuss something about the course. You may also contact individual instructors in the course directly via their university email addresses.

Office Phone: 204-977-5635
Email:  
Brian.MacNeil@umanitoba.ca
All email communication must conform to the Communicating with Students University policy

Teaching Team:  
Part A  
Brian MacNeil, Brian.Macneil@umanitoba.ca  
Dean Kriellaars, Dean.Kriellaars@umanitoba.ca  
Tony Szturm, Tony.Szturm@umanitoba.ca  
Liz Hammond, Elizabeth.hammond@umanitoba.ca  
Ruth Barclay, Ruth.Barclay@umanitoba.ca

Part B  
Maureen Walker, Maureen.Walker@umanitoba.ca  
Sandra Webber, Sandra.Webber@umanitoba.ca
Course Description
Through lecture, tutorial and laboratory sessions, students will learn the application of exercise and pain physiology to body structure and function and how it relates to activity and participation.

General Course Information
This course involves lecture, lab and tutorial work; students are expected to prepare for each activity by completing the required readings for lectures, tutorials and the assigned skills laboratories. Students will be required to integrate information from pre-requisite courses.

Use oral and non-verbal communication effectively.

Course Goals
8. Use oral and non-verbal communication effectively.
9. Integrate self reflection and external feedback to improve personal practice.
10. Act with professional and academic integrity, behaving ethically, with honesty and respect for others.
11. Contribute to effective teamwork and to the learning of others.
12. Use an evidence-informed approach in practice.
13. Describe the neurological processes underlying volitional movement and somatosensory function.
14. Summarize the integrated responses of skeletal muscle and the major physiological systems during physical activity.
15. Distinguish the responses of the major physiological systems to an increase or decrease in physical activity.
16. Demonstrate an understanding of, and apply, the biomechanical principles to assessment of human motion including the characteristics of the normal human gait cycle.
17. Distinguish between normal nociceptive processes and various pain states including hyperalgesia, allodynia, inflammatory pain and neuropathic pain.
18. Understand the rational behind and explain the physical activity guidelines for healthy adults, children and older adults.
19. Explain the risks associated with physical activity, determine the need for medical screening and perform an effective pre physical activity evaluations.
20. Apply the principles of exercise prescription to aerobic, flexibility, muscle strengthening and multi component physical activity.
21. Modify programming for certain populations including older adults and children.
22. Understand strategies used to promote physical activity at an individual, community, environment and policy level.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.
Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other students in the course.

Textbook, Readings, Materials
Course notes are provided for each lecture and constitute the primary examinable content along with the lecture content and any assigned readings.

REQUIRED TEXTBOOKS / READINGS:

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Student Accessibility Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication
The University requires all students to activate an official University email account. Please note that all communication between faculty and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students
It is expected that students will attend all classes and participate in class discussions. If you need to be absent for some reason, please contact the instructor and the course coordinator ahead of time to discuss the reason for the absence. Students are expected to review lecture materials before class and come prepared to engage in discussion.

Students Accessibility Services
Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation. Student Accessibility Services: http://umanitoba.ca/student/saa/accessibility/ 520 University Centre
Students Can Expect

Instructors are here to facilitate discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are intended to be open and informal and students can expect a respectful environment.

Schedule of Topics

<table>
<thead>
<tr>
<th>Start Date</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Student Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed Aug 05</td>
<td>Course Introduction</td>
<td>Lecture</td>
<td>BMac</td>
<td>0.50</td>
</tr>
<tr>
<td>Wed Aug 05</td>
<td>Neuron/Muscle Structure &amp; Function</td>
<td>Lecture</td>
<td>MM</td>
<td>2.00</td>
</tr>
<tr>
<td>Thu Aug 06</td>
<td>Exercise Physiology I</td>
<td>Lecture</td>
<td>BMac</td>
<td>2.00</td>
</tr>
<tr>
<td>Fri Aug 07</td>
<td>Exercise Physiology II</td>
<td>Lecture</td>
<td>BMac</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Aug 10</td>
<td>Exercise Physiology III</td>
<td>Lecture</td>
<td>BMac</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Aug 10</td>
<td>Somatosenory</td>
<td>Lecture</td>
<td>TSz</td>
<td>2.00</td>
</tr>
<tr>
<td>Tue Aug 11</td>
<td>Visual/Vestibular Systems &amp; Gaze Control</td>
<td>Lecture</td>
<td>TSz</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Aug 12</td>
<td>Biomechanics I</td>
<td>Lecture</td>
<td>DK</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Aug 12</td>
<td>Sensory Receptors</td>
<td>Lecture</td>
<td>TSz</td>
<td>1.00</td>
</tr>
<tr>
<td>Thu Aug 13</td>
<td>Biomechanics II</td>
<td>Lecture</td>
<td>DK</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Aug 17</td>
<td>Pain Physiology</td>
<td>Lecture</td>
<td>LaH</td>
<td>2.00</td>
</tr>
<tr>
<td>Tue Aug 18</td>
<td>Pain: Outcome Measures</td>
<td>Large Group Tutorial</td>
<td>LaH</td>
<td>1.00</td>
</tr>
<tr>
<td>Wed Aug 19</td>
<td>Spinal Cord &amp; Reflex Action</td>
<td>Lecture</td>
<td>TSz</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Aug 24</td>
<td>Motor Learning</td>
<td>Lecture</td>
<td>RB</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Aug 24</td>
<td>Balance Control</td>
<td>Lecture</td>
<td>TSz</td>
<td>2.00</td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
<td>Type</td>
<td>Days</td>
<td>Time</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>--------------</td>
<td>-------</td>
<td>------</td>
</tr>
<tr>
<td>Mon Aug 31</td>
<td>Exam #1</td>
<td>Exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fri Sep 04</td>
<td>Intro to Exercise Prescription</td>
<td>Orientation</td>
<td>MW</td>
<td>1.00</td>
</tr>
<tr>
<td>Wed Sep 09</td>
<td>Guidelines for Physical Activity</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Tue Sep 15</td>
<td>Pre Participation Screening</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Thu Sep 17</td>
<td>Aerobic Exercise I</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Fri Sep 18</td>
<td>Aerobic Exercise II</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Tue Sep 22</td>
<td>Resistance Exercise I</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Thu Sep 24</td>
<td>Resistance Exercise II</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Fri Sep 25</td>
<td>Resistance Exercise III</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Mon Sep 28</td>
<td>Resistance Exercise IV</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Sep 30</td>
<td>Resistance Ex I: Upper Quadrant</td>
<td>Split Group</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Wed Sep 30</td>
<td>Resistance Ex I: Upper Quadrant</td>
<td>Split Group</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Fri Oct 02</td>
<td>Resistance Ex II: Lower Quadrant</td>
<td>Split Group</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Fri Oct 02</td>
<td>Resistance Ex II: Lower Quadrant</td>
<td>Split Group</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Tue Oct 06</td>
<td>Resistance Ex I &amp; II</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Oct 06</td>
<td>Resistance Ex I &amp; II</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td>1.00</td>
</tr>
<tr>
<td>Thu Oct 08</td>
<td>Resistance Ex I &amp; II</td>
<td>Clinical Skills Assessment</td>
<td>MW, JLP, LH, SW, BT</td>
<td>0.75</td>
</tr>
<tr>
<td>Thu Oct 08</td>
<td>Resistance Ex I &amp; II</td>
<td>Clinical Skills Assessment</td>
<td>MW, JLP, LH, SW, BT</td>
<td>0.00</td>
</tr>
<tr>
<td>Fri Oct 09</td>
<td>Flexibility</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Thu Oct 15</td>
<td>Flexibility</td>
<td>Split Group</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Date</td>
<td>Activity</td>
<td>Location</td>
<td>Instructor(s)</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------</td>
<td>---------------------------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>Thu Oct 15</td>
<td>Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Oct 20</td>
<td>Pre Exercise Evaluation</td>
<td>Prep Lab</td>
<td>MW, SW</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Oct 20</td>
<td>Pre Exercise Evaluation</td>
<td>Prep Lab</td>
<td>MW, SW</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Oct 21</td>
<td>Pre Exercise Evaluation</td>
<td>Split Group Lab</td>
<td>MW, SW</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Oct 21</td>
<td>Pre Exercise Evaluation</td>
<td>Split Group Lab</td>
<td>MW, SW</td>
<td>0.00</td>
</tr>
<tr>
<td>Thu Oct 22</td>
<td>Intro to Exercise Equipment</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Fri Oct 23</td>
<td>Intro to Exercise Equipment</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Fri Oct 23</td>
<td>Intro to Exercise Equipment</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Oct 27</td>
<td>Pre Exercise Evaluation &amp; Flexibility</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Oct 27</td>
<td>Pre Exercise Evaluation &amp; Flexibility</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td></td>
</tr>
<tr>
<td>Thu Oct 29</td>
<td>Pre Exercise Evaluation &amp; Flexibility</td>
<td>Clinical Skills Assessment</td>
<td>MW, LH, SW, BT, JLP</td>
<td>0.75</td>
</tr>
<tr>
<td>Thu Oct 29</td>
<td>Pre Exercise Evaluation &amp; Flexibility</td>
<td>Clinical Skills Assessment</td>
<td>MW, LH, SW, BT, JLP</td>
<td>0.00</td>
</tr>
<tr>
<td>Tue Nov 03</td>
<td>Physical Activity Promotion</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Nov 04</td>
<td>Program Planning</td>
<td>Lecture</td>
<td>MW</td>
<td>2.00</td>
</tr>
<tr>
<td>Wed Nov 04</td>
<td>Health Promotion and Lifestyle Counselling</td>
<td>Lecture</td>
<td>MW</td>
<td>1.00</td>
</tr>
<tr>
<td>Fri Nov 06</td>
<td>Health Promotion and Lifestyle Counselling</td>
<td>SC Lab</td>
<td>MW, SW, LH, JLP, BT</td>
<td>0.00</td>
</tr>
<tr>
<td>Fri Nov 06</td>
<td>Health Promotion and Lifestyle Counselling</td>
<td>SC Lab</td>
<td>MW, SW, LH, JLP, BT</td>
<td>1.50</td>
</tr>
<tr>
<td>Fri Nov 06</td>
<td>Health Promotion and Lifestyle Counselling</td>
<td>Large Group Tutorial</td>
<td>MW</td>
<td>1.00</td>
</tr>
<tr>
<td>Mon Nov 09</td>
<td>Ex Program Planning for Healthy Populations I: Adult</td>
<td>Small Group Tutorial</td>
<td>MW, LH, SW, JLP, BT</td>
<td>2.50</td>
</tr>
<tr>
<td>Thu Nov 12</td>
<td>Ex Program Planning for Healthy Populations I: Program Modifications</td>
<td>Large Group Tutorial</td>
<td>MW</td>
<td>2.00</td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. “All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. “

2. Late assignments: Unless otherwise specified in the assignment details and description handed out in a learning session, assignments are due to the instructor assigning the evaluation at 4 pm on the date that they are due. A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part there-of, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case by case basis.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exam #1: All content up to and including Motor Learning</td>
<td>35%</td>
<td>1.5 hrs</td>
</tr>
<tr>
<td>Assignment #1: Biomechanics – Individual submission</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Assignment #2: Biomechanics – Group submission</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Part B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Exam #2: Exercise Prescription  
| Assignment #3: Online quizzes/assignments – individual submissions | 35% | 1.5 hrs |
| Assignment #4: Standardized Client Pre activity evaluation and exercise prescription – group submission | 10% |
| Written Assessment Total | 100% |

Appendix

Plagiarism and cheating:
This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance.
of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)
As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services
For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator  [http://umanitoba.ca/student/health-wellness/welcome.html](http://umanitoba.ca/student/health-wellness/welcome.html)
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:  [http://umanitoba.ca/student/livewell/index.html](http://umanitoba.ca/student/livewell/index.html)

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit  [http://umanitoba.ca/copyright](http://umanitoba.ca/copyright) for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar  [http://umanitoba.ca/student/records/academiccalendar.html](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form  [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/).

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support  [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

Student Discipline
http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

Violent or Threatening Behaviour
http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Assault** policy may be found at:
http://umanitoba.ca/admin/governance/governing_documents/community/230.html
More information and resources can be found by reviewing the Sexual Assault site
http://umanitoba.ca/student/sexual-assault/

- For information about rights and responsibilities regarding **Intellectual Property** view the policy
http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your **Program Advisor/faculty member** within our department for questions about your academic program and regulations.

**Student Advocacy**
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.
http://umanitoba.ca/student/advocacy/
520 University Centre; (204) 474-7423
student_advocacy@umanitoba.ca
### COURSE DETAILS

<table>
<thead>
<tr>
<th>Course Title &amp; Number:</th>
<th>PT 6140 Neuromusculoskeletal Anatomy for Physical Therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credit Hours:</td>
<td>3</td>
</tr>
<tr>
<td>Class Times &amp; Days of Week:</td>
<td>Variable</td>
</tr>
<tr>
<td>Location for classes/labs/tutorials:</td>
<td>Variable</td>
</tr>
<tr>
<td>Pre-Requisites:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Course Coordinator Contact Information

<table>
<thead>
<tr>
<th>Coordinator Name:</th>
<th>Mark Garrett</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Mark</td>
</tr>
<tr>
<td>Office Location:</td>
<td>R135 Rehabilitation Bldg.</td>
</tr>
<tr>
<td>Office Hours/Availability:</td>
<td>Please visit me in my office with your questions or concerns any time. If I am not in my office from 8:00 to 4:00pm, please contact me by e-mail or phone and we can arrange an appointment for another time.</td>
</tr>
<tr>
<td>Office Phone Number:</td>
<td>204-789-3420</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Mark.Garrett@umanitoba.ca">Mark.Garrett@umanitoba.ca</a></td>
</tr>
<tr>
<td></td>
<td>All email communication must conform to the Communicating with Students university policy (see class communication). I am only able to respond to official University of Manitoba emails.</td>
</tr>
</tbody>
</table>
Teaching Team (alphabetical order):
  Grieg Blamey, GG549, General Hospital, HSC, 204-787-1331, gblamey@hsc.mb.ca
  Mark Garrett, R135 Rehab Bldg., 204-789-3420, Mark.Garrett@umanitoba.ca
  Russ Horbal, R030 Rehab Bldg., 204-977-5637 or 204-927-2841, rhoral@mymts.net
  Mike McMurray, R134 Rehab Bldg., 204-789-3413, Mike.McMurray@umanitoba.ca
  Jason Peeler, 102B Basic Medical Science Bldg., 204-272-3146, Jason.Peeler@umanitoba.ca
  Laurie Urban, R217 Rehab Bldg., 204-478-6480, Laurie.Urban@umanitoba.ca

Course Description
Through lecture and laboratory sessions, students learn detailed musculoskeletal anatomy of the upper and lower limbs, head, neck and trunk. Joints, ligaments, muscles, nerves and vessels are included, and integration of structure and function is emphasized. Students also review the gross anatomy of the cardiorespiratory system and the abdominopelvic viscera, and are introduced to the anatomy of the spinal cord and peripheral nerves relevant to reflex activity.

General Course Information
This course involves class, gross lab and living anatomy sessions. Students are expected to prepare for each activity by reading through the lecture materials and viewing relevant anatomy atlas images and instructional videos.

Course Goals
Upon successful completion of this course, students should be able to:
23. Use oral and nonverbal communication effectively with participants;
24. Integrate self reflection and external feedback to improve personal practice;
25. Act with professional integrity;
26. Facilitate collaborative relationships and contribute to effective teamwork;
27. Ensure client physical and emotional safety and a safe practice environment in all learning activities;
28. Use an evidence-informed approach in practice through application of the conceptual framework for clinical practice;
29. Name the bones and their landmarks, and identify them on skeletons, cadavers and lab partners;
30. Name and classify the major joints by structural type and relate their influence on movement to the functional requirements of the body;
31. Name and locate the major ligaments and identify their role in provision of support and limitation of movement;
32. Name the muscles, identify their attachments and innervations, and classify them by their action and function;
33. Name the major nerves, describe their sensory and motor functions, trace their pathways on cadavers, locate their palpable points on the limbs of live subjects, and be able to position the limbs to create tension in the major nerves;
34. Describe and locate the major vessels, and identify the pulse points on the limbs;
35. Locate palpable structures on a live subject, and provide correct instructions to the subject to activate specific muscles;
36. Synthesize knowledge of bones, joints and muscle groups to explain the generation of functional movement;
37. Develop a level of comfort and confidence with the manual handling of future clients through working with lab partners in the living anatomy lab sessions;
38. Provide education and feedback to peers.
Using Copyrighted Material

Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials

COURSE RESOURCES:

1. REQUIRED TEXTBOOKS / READINGS:

2. RECOMMENDED TEXTBOOKS / READINGS:

3. UM Learn (learning system-electronic access)
   a. Course syllabus
   b. Lecture PPTs
   c. Lab documents
   d. Lab group lists and schedules

4. REFERENCE MATERIAL: Suitable anatomy textbooks and atlases are available in the Neil John Maclean Library for background reading. Students interested in these and other resources should contact the course instructor

Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch
his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

**Class Communication**

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: [http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)

Please note that all communication between instructors and students must comply with the electronic communication with student policy ([http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)). You are required to obtain and use your U of M email account for all communication between yourself and the university.

**Expectations of Students**

As a lecture and lab course, students are expected to attend all learning sessions and prepare for them ahead of time by reading the course notes and reviewing the anatomy atlas and instructional videos. Students are also expected to work together effectively and respectfully in the gross and living anatomy labs.

**Students Accessibility Services**

_Student Accessibility Services_

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

_Student Accessibility Services_ [http://umanitoba.ca/student/saa/accessibility/](http://umanitoba.ca/student/saa/accessibility/)
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca
## Schedule of Topics

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Overview of NMSK System</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Head &amp; Neck</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Vertebral Column</td>
<td>Lecture</td>
<td>LU</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 1: Vertebral Column, Head &amp; Neck</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 1: Vertebral Column, Head &amp; Neck</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Shoulder Girdle &amp; Arm I</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S2 Lab</td>
<td>MM, MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Shoulder Girdle &amp; Arm II</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 2: Shoulder Girdle &amp; Arm</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 2: Shoulder Girdle &amp; Arm</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S4 Lab</td>
<td>MM, MG</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S4 Lab</td>
<td>MM, MG</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Elbow, Forearm &amp; Hand I</td>
<td>Lecture</td>
<td>GB</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S5 Assessment</td>
<td>MM, MG, LH, TW, RH</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Living Anatomy I: Vertebral Column, Head &amp; Neck</td>
<td>S5 Assessment</td>
<td>MM, MG, LH, TW, RH</td>
<td>1</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------</td>
<td>--------------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>2.00</td>
<td>Elbow, Forearm &amp; Hand II</td>
<td>Lecture</td>
<td>GB</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 3: Elbow, Forearm &amp; Hand</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 3: Elbow, Forearm &amp; Hand</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S2 Lab</td>
<td>MM, MG</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Muscles of Trunk</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S4 Lab</td>
<td>MM, MG</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S4 Lab</td>
<td>MM, MG</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S5 Assessment</td>
<td>MM, MG, LH, TW, RH</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Living Anatomy II: Upper Quadrant</td>
<td>S5 Assessment</td>
<td>MM, MG, LH, TW, RH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #1</td>
<td>Exam Assessment</td>
<td>MM, MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Hip &amp; Medial Thigh</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Anterior &amp; Posterior Thigh &amp; Knee</td>
<td>Lecture</td>
<td>JP</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 4: Trunk, Hip &amp; Thigh</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 4: Trunk, Hip &amp; Thigh</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Leg &amp; Foot I</td>
<td>Lecture</td>
<td>RH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Leg &amp; Foot II</td>
<td>Lecture</td>
<td>RH</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 5: Leg &amp; Foot</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Lab 5: Leg &amp; Foot</td>
<td>Gross Lab</td>
<td>MM, MG, JP</td>
<td>2</td>
</tr>
<tr>
<td>3.00</td>
<td>Living Anatomy III: Lower Quadrant</td>
<td>S2 Lab</td>
<td>MM, MG</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Development of the NMSK System</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. “All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. A student is allowed up to 3 opportunities to receive a satisfactory mark in the clinical skills assessment. If a student does not achieve a satisfactory rating after the third attempt at the assessment, the student will register a fail in the clinical assessment component.”

A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part there-of, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case-by-case basis.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exam #1</strong>: MCQ and short answer format. Exam outline will be posted. Topics include all lecture content from “Overview of NMSK System I” to end of “Elbow, Forearm &amp; Hand II”</td>
<td>55%</td>
<td>2 hours</td>
</tr>
<tr>
<td><strong>Exam #2</strong>: MCQ and short answer format. Exam outline will be posted. Topics include all lecture content from “Muscles of Trunk” to end of “Histology II”</td>
<td>45%</td>
<td>2 hours</td>
</tr>
<tr>
<td>Written Assessment Total</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
### Clinical Skills Components

<table>
<thead>
<tr>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Anatomy I S5: Vertebral Column, Head &amp; Neck</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>Living Anatomy II S5: Upper Quadrant</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>Living Anatomy III S5: Lower Quadrant</td>
<td>Pass/Fail</td>
</tr>
</tbody>
</table>

All clinical skills assessments must be satisfactorily completed prior to the student passing the course.

### Appendix

**Plagiarism and cheating:**

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

**Section (a): Academic Supports available to students**

**Writing and Learning Support**

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: [http://umanitoba.ca/student/academiclearning/](http://umanitoba.ca/student/academiclearning/). You can also
contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1J0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre

Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html

474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management

Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html

520 University Centre
(204) 474-7423

University Health Service

Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/

104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness

Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html

Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032
Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.
Visit http://umanitoba.ca/copyright for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.
The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.
While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html
• If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at:
http://umanitoba.ca/admin/governance/governing_documents/community/230.html
More information and resources can be found by reviewing the Sexual Assault site
http://umanitoba.ca/student/sexual-assault/

• For information about rights and responsibilities regarding Intellectual Property view the policy
http://umanitoba.ca/admin/governance/governing_documents/community/235.html

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.
http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
## COURSE DETAILS

<table>
<thead>
<tr>
<th>Course Title &amp; Number:</th>
<th>PT 6221 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credit Hours:</td>
<td>6</td>
</tr>
<tr>
<td>Class Times &amp; Days of Week:</td>
<td>Variable</td>
</tr>
<tr>
<td>Location for classes/labs/tutorials:</td>
<td>Variable</td>
</tr>
<tr>
<td>Pre-Requisites:</td>
<td>N/A, Integrated content from PT6130, PT6140 and PT6230 is essential</td>
</tr>
</tbody>
</table>

### Course Coordinator Contact Information

<table>
<thead>
<tr>
<th>Coordinator Name:</th>
<th>R. Michael McMurray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Mike</td>
</tr>
<tr>
<td>Office Location:</td>
<td>R134 Rehabilitation Bldg.</td>
</tr>
<tr>
<td>Office Hours/Availability:</td>
<td>Visit me in my office with your questions or concerns any time. If I am not in my office from 8:00 to 4:00pm, please contact me by e-mail or phone and we can arrange an appointment for another time.</td>
</tr>
<tr>
<td>Office Phone Number:</td>
<td>204-789-3413</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Mike.McMurray@umanitoba.ca">Mike.McMurray@umanitoba.ca</a></td>
</tr>
</tbody>
</table>

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.
**Course Description**

Through lecture, tutorial and laboratory sessions, students apply physical therapy assessment, diagnostic and treatment skills for upper quadrant Neuromusculoskeletal conditions across the lifespan.

**General Course Information**

This course involves class, lab and tutorial work; an expectation of the students is that they are to prepare for each activity by completing the required readings for lectures, tutorials and the assigned skills laboratories as well as review any instructional videos. Class work includes lectures, in-class small group work, lab work and tutorial sessions. Clinical skills are taught in laboratories by either faculty or a peer coach. Students will integrate content from PT 6140 (Anatomy) and PT 6230. Opportunities are provided for non-evaluated supervised service learning related to the application of clinical skills in the community.

**Course Goals**

The learning objectives of this course are:

1. Use oral and nonverbal communication effectively: by respectful communication with participants in all educational activities
2. Integrate self-reflection to improve personal practice
3. Act with professional integrity
4. Facilitate collaborative relationships and contribute to effective teamwork
5. Ensure client physical and emotional safety and a safe practice environment
6. Use an evidence-informed approach in practice applying the conceptual framework for clinical practice
7. Conduct client assessment on the upper quadrant
8. Establishing a diagnosis & prognosis for upper quadrant NMSK indicator conditions across the lifespan using a client centered approach
9. Develop, implement, monitor & evaluate an intervention plan for the upper quadrant using a client centered approach
10. Transition Care for clients with NMSK upper quadrant conditions
11. Contribute to effective teamwork, and to the learning of others
12. Use communication tools for clients with NMSK conditions
Using Copyrighted Material

Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials

COURSE RESOURCES:

7. REQUIRED TEXTBOOKS / READINGS:

8. UM Learn (learning system-electronic access)
   i. Course syllabus
   ii. Assigned readings
   iii. Lab documents
   iv. Assignment / presentation instructions and evaluation rubrics
   v. Presentations
   vi. Lab group lists and schedules

Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)
Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students
As a lecture, lab and tutorial course, you are to attend all learning sessions and prepare ahead of time for the learning sessions by reading the course notes and appropriates sections in the reference material. As well, contribute to classroom discussion on related topics.

Attendance
Regular attendance in all courses is a university policy. Persistent non-attendance and other unacceptable behaviour can lead to debarment (see University of Manitoba Academic Regulations).

CoRS regulation states that students are required to attend all classes and are responsible for material covered in class. If the student must be absent from class, s/he must notify the lecturer beforehand. There is voice mail and e-mail for each faculty member and at the General Office. Students absent from class due to illness may be required to present a certificate* from a physician.

Students Accessibility Services
Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services http://umanitoba.ca/student/saa/accessibility/
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

Students Can Expect
Instructors are there to lecture and facilitate in class discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the classroom setting. Personally, I like to engage the students with questions related to content material. The students can feel safe not knowing the complete or correct answer, as this is the place to learn. Please email the course coordinator if you are absent for any reason from a learning session.
COURSE CONTENT:

For the most updated course schedule and content: Go to https://universityofmanitoba.desire2learn.com, log on using your UM NetID, and choose PT 6221 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 1

Faculty Coaches (FC): MM= M. McMurray; LU= L. Urban; MW= M. Walker; LH= L. Harvey; JC= J. Carswell; TW= T. Woodard; JLP= J. Parsons; RL= R. Lavallée; EL= E. Lightly; MG= M. Garrett; SW= S. Webber; NRA= Nancy Ryan-Arbez, BLS= Barb Shay

Schedule of Topics

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to NMSK Ax</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Critical Thinking</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Facilitated Segment</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Communication: Subjective Examination for NMSK</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Intro to Posture</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Intro to Biomechanical Ax I</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Observation of Posture</td>
<td>Split Group Lab</td>
<td>MM, BLS, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Observation of Posture</td>
<td>Split Group Lab</td>
<td>MM, BLS, TW</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Communication: S/E for NMSK</td>
<td>SC Prep Lab</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Communication: S/E for NMSK</td>
<td>SC Prep Lab</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to the C/S Scan</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Cervical Scan</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to Biomechanical Ax II</td>
<td>Lecture</td>
<td>RL</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------</td>
<td>---------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Communication: S/E for NMSK</td>
<td>SC Lab</td>
<td>MM, MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Communication: S/E for NMSK</td>
<td>SC Lab</td>
<td>MM, MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Cervical Scan</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Ax: Intro to Ax of the Nervous System</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>ROM/MMT</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: ROM</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: ROM</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: MMT</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: MMT</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to Shoulder Girdle</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: Shoulder I</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Shoulder I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Shoulder II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #1</td>
<td>Exam Assessment</td>
<td>MM, TBA</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Shoulder II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: Shoulder</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Shoulder</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow I</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the Elbow</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Elbow II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------</td>
<td>-----------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Cervical Scan, Shoulder I &amp; II</td>
<td>S4 Lab</td>
<td>MM, EL</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Cervical Scan, Shoulder I &amp; II</td>
<td>S4 Lab</td>
<td>MM, EL</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Cervical Scan, Shoulder I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Cervical Scan, Shoulder I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: Elbow</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Elbow</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Wrist &amp; Hand</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Wrist I</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Wrist I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Wrist II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Biomechanics of the C/S</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Wrist II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: Wrist</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Wrist</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the C/S &amp; Dizziness</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow/Wrist I &amp; II</td>
<td>S4 Lab</td>
<td>MM, JC</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Elbow/Wrist I &amp; II</td>
<td>S4 Lab</td>
<td>MM, JC</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S I &amp; U/Q Neurodynamics</td>
<td>S2 Lab</td>
<td>MM, EL</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Dizziness Differentiation</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------</td>
<td>----------------</td>
<td>---------------------</td>
<td>--------</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Elbow/Wrist I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Elbow/Wrist I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S I &amp; U/Q Neurodynamics</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S I &amp; U/Q Neurodynamics</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Ax: Shoulder &amp; C/S Scan</td>
<td>SC Prep Lab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S II: CV Stability &amp; Dizziness Differentiation</td>
<td>Large Group Lab</td>
<td>EL, RL, LU</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S II: CV Stability &amp; Dizziness Differentiation</td>
<td>Large Group Lab</td>
<td>EL, TW, JC</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: C/S III: CV Biomechanical Exam</td>
<td>Large Group Lab</td>
<td>EL, RL, LU</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: C/S III: CV Biomechanical Exam</td>
<td>Large Group Lab</td>
<td>EL, TW, JC</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Shoulder &amp; C/S Scan</td>
<td>SC Lab</td>
<td>MM, MW, EL, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Shoulder &amp; C/S Scan</td>
<td>SC Lab</td>
<td>MM, MW, EL, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S IV: Mid C/S Biomechanical Exam</td>
<td>Large Group Lab</td>
<td>EL, RL, LU</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S IV: Mid C/S Biomechanical Exam</td>
<td>Large Group Lab</td>
<td>EL, TW, JC</td>
<td>2</td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: C/S</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: C/S</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S I-IV</td>
<td>S4 Lab</td>
<td>EL, RL, LU</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: C/S I-IV</td>
<td>S4 Lab</td>
<td>EL, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: C/S I-IV</td>
<td>S5 Assessment</td>
<td>EL, LU, RL, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: C/S I-IV</td>
<td>S5 Assessment</td>
<td>EL, LU, RL, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Return to Work</td>
<td>Lecture</td>
<td>TK</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Intro to Tx Interventions I: Therapeutic Ex</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>-------</td>
<td>-------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex I: Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex I: Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex II: Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex II: Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Exam #2</td>
<td>Exam Assessment</td>
<td>MM, MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex III: Resistance I</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex III: Resistance I</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex IV: Resistance II</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Therapeutic Ex IV: Resistance II</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Tx: U/Q Therapeutic Ex I - IV</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Tx: U/Q Therapeutic Ex I - IV</td>
<td>Review Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: Intro to Tx Interventions II: Therapeutic Massage</td>
<td>Lecture</td>
<td>KD</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: Intro to Tx Interventions III: Supportive Devices</td>
<td>Lecture</td>
<td>RH</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: U/Q Therapeutic Ex I - III</td>
<td>Clinical Skills Assessment</td>
<td>MW, MG, LH, BLS, SW</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: U/Q Therapeutic Ex I - III</td>
<td>Clinical Skills Assessment</td>
<td>MW, MG, LH, BLS, SW</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: Manual Therapy: Therapeutic Massage</td>
<td>Split Group Lab</td>
<td>KD, MM, LH</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: Manual Therapy: Therapeutic Massage</td>
<td>Split Group Lab</td>
<td>KD, MM, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Pain &amp; Manual Therapy</td>
<td>Lecture</td>
<td>BLS</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Tx: Intro to Tx Interventions IV: Mobilizations</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: U/Q Manual Therapy: Mobilizations</td>
<td>Split Group Lab</td>
<td>MM, EL, TW</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: U/Q Manual Therapy: Mobilizations</td>
<td>Split Group Lab</td>
<td>MM, LU, JC</td>
<td>2</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------</td>
<td>----------------------</td>
<td>-----------------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Supportive Devices</td>
<td>Split Group Lab</td>
<td>RH, MM, JLP</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Supportive Devices</td>
<td>Split Group Lab</td>
<td>RH, MM, JLP</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>MM, KD</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>MM, KD</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: U/Q Manual Therapy</td>
<td>Clinical Skills</td>
<td>MM, EL, KD, TW, JC</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: U/Q Manual Therapy</td>
<td>Clinical Skills</td>
<td>MM, EL, KD, TW, JC</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: Tx Planning</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: U/Q Tx I</td>
<td>Prep Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Tx I</td>
<td>Small Group Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: U/Q Tx II</td>
<td>Prep Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Tx II</td>
<td>Small Group Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: U/Q</td>
<td>SC Prep Lab</td>
<td>MM, MW, EL, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: U/Q Tx III</td>
<td>Prep Tutorial</td>
<td>MM, MW, EL, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q Tx II</td>
<td>Small Group Tutorial</td>
<td>MM, MW, EL, JC, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: U/Q</td>
<td>SC Lab</td>
<td>MM, MW, EL, JC, TW</td>
<td>2</td>
</tr>
<tr>
<td>3.50</td>
<td>Tx: U/Q Tx III</td>
<td>Large Group Tutorial</td>
<td>MM, MW, LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #3</td>
<td>Exam Assessment</td>
<td>MM</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #3</td>
<td>Exam Assessment</td>
<td>MW</td>
<td>2</td>
</tr>
</tbody>
</table>
A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. “All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. A student is allowed up to 3 opportunities to receive a satisfactory mark in the clinical skills assessment. If a student does not achieve a satisfactory rating after the third attempt at the assessment, the student will register a fail in the clinical assessment component.“

Exams are to be written as scheduled, except under exceptional circumstances. If you are in an exceptional circumstance, please contact the course instructor and/or Department Head. Missed exams must be addressed through the University of Manitoba deferral policy: [http://umanitoba.ca/student/records/finals/682.html](http://umanitoba.ca/student/records/finals/682.html)

A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part thereof, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case-by-case basis.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam #1: MCQ and short answer format. Exam outline will be posted</td>
<td>34%</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>Topics may include: Intro to Ax (2), ROM/MMT (2), Biomechanical Ax I (1) &amp; II (2), Communication: S/E (2), Intro to the Ax of the Nervous System (1), Facilitated segment (2), Posture (1.5) &amp; The Cervical Scan (2), labs (~15.5 contact hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exam #2: MCQ and short answer format. Exam outline will be posted</td>
<td>34%</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>Topics may include: Shoulder Girdle (2), Elbow (2), Wrist/Hand (2), Intro to the Cervical Spine &amp; Dizziness (2), &amp; Biomechanics of the Cervical Spine (2) including Ax tutorials (6), other (~16 contact hours)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Exam #3: MCQ, short and long answer format. Exam outline will be posted. Topics may include: Intro to Treatment Interventions I-III (4.5), Pain and Manual Therapy (2), Return to work (1), Treatment Planning (1), & U/Q Treatment tutorials (9) (~17.5 contact hours)

Written Assessment Total

<table>
<thead>
<tr>
<th>Clinical Skill components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>U/Q Ax Step 5: Cervical Scan, Shoulder Girdle Ax I/II</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td>U/Q Ax Step 5: Elbow Ax I/II, Wrist/Hand Ax I/II</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td>U/Q Ax Step 5: Cervical Ax I-IV &amp; T/S</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td>U/Q Tx Clinical Skills Ax: Therapeutic Ex I - III</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td>U/Q Tx Clinical Skills Ax: Manual Therapy; mobilization and massage</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
</tbody>
</table>

All clinical skills assessments must be satisfactorily completed prior to the student passing the course.

Appendix

Plagiarism and cheating:

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.
Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1Tj0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. **Student Counselling Centre**: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

**Student Support Case Management**
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

*Student Support Intake Assistant* http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

**University Health Service**
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

*University Health Service* http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

**Health and Wellness**
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

*Health and Wellness Educator* http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

**Live Well @ UofM**
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

**Section (c): Copyright Issues**
All students are required to respect copyright as per Canada’s *Copyright Act*. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit http://umanitoba.ca/copyright for more information.

**Section (d): Online University and Unit policies, procedures, and supplemental information**

**Your rights and responsibilities**
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school. The *Academic Calendar* http://umanitoba.ca/student/records/academiccalendar.html is one important
source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:
  
  Respectful Work and Learning Environment  
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline  
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour  
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at:  
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html
  More information and resources can be found by reviewing the Sexual Assault site http://umanitoba.ca/student/sexual-assault/

For information about rights and responsibilities regarding Intellectual Property view the policy http://umanitoba.ca/admin/governance/governing_documents/community/235.html

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
COURSE DETAILS

Course Title & Number: PT 6224 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 2

Number of Credit Hours: 6

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: N/A, Integrated content from PT 6221, PT6130, PT6140 and PT6230 is essential

Course Coordinator Contact Information

Coordinator Name: R. Michael McMurray

Preferred Form of Address: Mike

Office Location: R134 Rehabilitation Bldg.

Office Hours/Availability: Visit me in my office with your questions or concerns any time. If I am not in my office from 8:00 to 4:00pm, please contact me by e-mail or phone and we can arrange an appointment for another time.

Office Phone Number: 204-789-3413

Email: Mike.McMurray@umanitoba.ca

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.
Course Description

Through lecture, tutorial and laboratory sessions, students apply physical therapy assessment, diagnostic and treatment skills for lower quadrant Neuromusculoskeletal conditions across the lifespan.

General Course Information

This course involves class, lab and tutorial work; an expectation of the students is that they are to prepare for each activity by completing the required readings for lectures, tutorials and the assigned skills laboratories as well as review any instructional videos. Class work includes lectures, in-class small group work, lab work and tutorial sessions. Clinical skills are taught in laboratories by either faculty or a peer coach. Students will integrate content from PT 6140 (Anatomy) and PT 6230. Opportunities are provided for non-evaluated supervised service learning related to the application of clinical skills in the community. Students will integrate content from PT 6140 (Anatomy) PT 6221 and PT 6230.

Course Goals

Upon successful completion of this course, students should be able to:

39. Use oral and nonverbal communication effectively: by respectful communication with participants in all educational activities
40. Integrate self-reflection to improve personal practice
41. Act with professional integrity
42. Facilitate collaborative relationships and contribute to effective teamwork
43. Ensure client physical and emotional safety and a safe practice environment
44. Use an evidence-informed approach in practice applying the conceptual framework for clinical practice
45. Conduct client assessment on the lower quadrant
46. Establishing a diagnosis & prognosis for lower quadrant NMSK indicator conditions across the lifespan using a client centered approach
47. Develop, implement, monitor & evaluate an intervention plan for the lower quadrant using a client centered approach
48. Contribute to effective teamwork, and to the learning of others
49. Use communication tools for clients with NMSK conditions
50. Transition Care for clients with NMSK upper quadrant conditions

Using Copyrighted Material

Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials

COURSE RESOURCES:

9. REQUIRED TEXTBOOKS / READINGS:

10. UM Learn (learning system-electronic access)
    vii. Course syllabus
    viii. Assigned readings
    ix. Lab documents
    x. Assignment / presentation instructions and evaluation rubrics
    xi. Presentations
    xii. Lab group lists and schedules

Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)
Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: [http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)

Please note that all communication between instructors and students must comply with the electronic communication with student policy [http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students

As a lecture, lab and tutorial course, you are to attend all learning sessions and prepare ahead of time for the learning sessions by reading the course notes and appropriates sections in the reference material. As well, contribute to classroom discussion on related topics.

Attendance

Regular attendance in all courses is a university policy. Persistent non-attendance and other unacceptable behaviour can lead to debarment (see University of Manitoba Academic Regulations).

CoRS regulation states that students are required to attend all classes and are responsible for material covered in class. If the student must be absent from class, s/he must notify the lecturer beforehand. There is voice mail and e-mail for each faculty member and at the General Office. Students absent from class due to illness may be required to present a certificate* from a physician.

Student Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services [http://umanitoba.ca/student/saa/accessibility/](http://umanitoba.ca/student/saa/accessibility/)
Address: S211 Medical Services Bldg. (Bannatyne Campus), S20 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

Students Can Expect

Instructors are there to lecture and facilitate in class discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the classroom setting. Personally, I like to engage the students with questions related to content material. The students can feel safe not knowing the complete or correct answer, as this is the place to learn. Please email the course coordinator if you are absent for any reason from a learning session.
COURSE CONTENT:

For the most updated course schedule and content: Go to https://universityofmanitoba.desire2learn.com, log on using your UM NetID, and choose PT 6224 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 2

Faculty Coaches (FC): MM= M. McMurray; LU= L. Urban; MW= M. Walker; LH= L. Harvey; JC= J. Carswell; TW= T. Woodard; JLP= J. Parsons; RL= R. Lavallée; EL= E. Lightly; MG= M. Garrett; SW= S. Webber; NRA= Nancy Ryan-Arbez, BLS= Barb Shay

Schedule of Topics

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA I Thermal/Mechanical Agents/Traction</td>
<td>Split Group Lab</td>
<td>LAH, BLS, MM</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA I Thermal/Mechanical Agents/Traction</td>
<td>Split Group Lab</td>
<td>LAH, BLS, MM</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA II TENS/IFC</td>
<td>Split Group Lab</td>
<td>LAH, BLS</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA II TENS/IFC</td>
<td>Split Group Lab</td>
<td>LAH, BLS</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA III Traction/NMES</td>
<td>Split Group Lab</td>
<td>LAH, MM, BLS</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA III Traction/NMES</td>
<td>Split Group Lab</td>
<td>LAH, MM, BLS</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to Gait I</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA I-III Review Lab</td>
<td>LAH, BLS</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to Gait II</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to Gait III</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S Scan</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------</td>
<td>----------------------</td>
<td>--------------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S Scan</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: EPA I-III</td>
<td>Clinical Skills</td>
<td>LAH, BLS, MW, MG, LH</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: EPA I-III</td>
<td>Clinical Skills</td>
<td>LAH, BLS, MW, MG, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S Scan</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S Scan</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td>2</td>
</tr>
<tr>
<td>1.00</td>
<td>Ax: Gait Deviations</td>
<td>Large Group Tutorial</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S II &amp; Neurodynamics</td>
<td>S2 Lab</td>
<td>MM, EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the L/S</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S II &amp; Neurodynamics</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S III: Biomechanical Exam</td>
<td>Split Group Lab</td>
<td>MM, EL, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/S III: Biomechanical Exam</td>
<td>Split Group Lab</td>
<td>MM, EL, TW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the Pelvis</td>
<td>Lecture</td>
<td>JC</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: Pelvis</td>
<td>Split Group Lab</td>
<td>JC, TW, RL</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Ax: Pelvis</td>
<td>Split Group Lab</td>
<td>JC, LU, EL</td>
<td>1</td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: L/S &amp; Pelvis</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: L/S &amp; Pelvis</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the Hip</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: ROM</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: MMT</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: ROM</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>2</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>-------------</td>
<td>-------</td>
<td>-------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: MMT</td>
<td>Split Group Lab</td>
<td>LH, MM</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip Ax I</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: L/S Scan, L/S Ax I</td>
<td>S4 Lab</td>
<td>MM, EL</td>
<td>2</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: L/S Scan, L/S Ax I</td>
<td>S4 Lab</td>
<td>MM, EL</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: L/S Ax II &amp; Pelvis</td>
<td>S4 Lab</td>
<td>MM, JC</td>
<td>1</td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: L/S Ax II &amp; Pelvis</td>
<td>S4 Lab</td>
<td>MM, JC</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip Ax I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: S/E &amp; O/E L/S &amp; Pelvis</td>
<td>SC Lab</td>
<td>MM, JC, RL, EL, TW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: S/E &amp; O/E L/S &amp; Pelvis</td>
<td>SC Lab</td>
<td>MM, JC, RL, EL, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip Ax II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: L/S Scan, L/S Ax I/II &amp; Pelvis</td>
<td>S5 Assessment</td>
<td>MM, JC, RL, EL, TW</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: L/S Scan, L/S Ax I/II &amp; Pelvis</td>
<td>S5 Assessment</td>
<td>MM, JC, RL, EL, TW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip Ax II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip Ax II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: Hip</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Hip</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Intro to the Knee</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Knee Ax I</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Knee Ax I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Knee Ax II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Knee Ax II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------</td>
<td>-------------</td>
<td>--------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Hip/Knee Ax I &amp; II</td>
<td>S4 Lab</td>
<td>MM, MW, LH, RL, EL</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Intro to the Foot &amp; Ankle</td>
<td>Lecture</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Hip/ Knee Ax I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, RL, EL</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Hip/ Knee Ax I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, RL, EL</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Foot &amp; Ankle Ax I</td>
<td>S2 Lab</td>
<td>MM, MW</td>
<td></td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: Knee Ax</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Ax: Knee Ax</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Foot &amp; Ankle Ax I</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex I; ROM</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex I; ROM</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Foot &amp; Ankle Ax II</td>
<td>S2 Lab</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Foot &amp; Ankle Ax II</td>
<td>S3 Lab</td>
<td>Peer Instructors</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex II; Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex II; Flexibility</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>0.50</td>
<td>Ax: L/Q</td>
<td>Prep Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: L/Q</td>
<td>Large Group Tutorial</td>
<td>MM</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #1</td>
<td>Exam Assessment</td>
<td>MM, SW</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S4 Lab</td>
<td>MM, MW, LH, RL, EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex III; Resistance</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex III; Resistance</td>
<td>Split Group Lab</td>
<td>MW, LH</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S5 Assessment</td>
<td>MM, MW, LH, RL, EL</td>
<td>2</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>----------------------</td>
<td>--------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>0.75</td>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>SS Assessment</td>
<td>MM, MW, LH, RL, EL</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex IV; Resistance &amp; Functional Training</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex IV; Resistance &amp; Functional Training</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Review Lab</td>
<td>MW, JLP</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Review Lab</td>
<td>MW, JLP</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Clinical Skills Assessment</td>
<td>MW, MM, LH, JLP, BLS</td>
<td>2</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Clinical Skills Assessment</td>
<td>MW, MM, LH, JLP, BLS</td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: Dynamic Stabilization &amp; Motor Control I</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: L/Q Manual Therapy: Mobilizations</td>
<td>Large Group Lab</td>
<td>MM, JC, EL, TW</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Functional Training</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Functional Training</td>
<td>Split Group Lab</td>
<td>MW, JLP</td>
<td>1</td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: Dynamic Stabilization &amp; Motor Control II</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: L/Q Tx I</td>
<td>Large Group Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Manual Therapy: Therapeutic Massage</td>
<td>Large Group Lab</td>
<td>KD, MW, MM, EL</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: L/Q Tx II</td>
<td>Large Group Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: Supportive Devices: L/Q I (Taping)</td>
<td>Large Group Lab</td>
<td>MM, RH, EL</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: L/Q Tx III</td>
<td>Large Group Tutorial</td>
<td>MW, MM, LH, TBA, TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>MM</td>
<td>2</td>
</tr>
</tbody>
</table>
### Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: Written assessments (exams) and practical assessments, which include Step 5 assessments, and clinical skill assessments. “**All clinical skills assessments must be satisfactorily completed prior to the student passing the course. A student must pass both the written components and clinical skills assessment components of the course. A student is allowed up to 3 opportunities to receive a satisfactory mark in the clinical skills assessment. If a student does not achieve a satisfactory rating after the third attempt at the assessment, the student will register a fail in the clinical assessment component.**”

Exams are to be written as scheduled, except under exceptional circumstances. If you are in an exceptional circumstance, please contact the course instructor and/or Department Head. Missed exams must be addressed through the University of Manitoba deferral policy: [http://umanitoba.ca/student/records/finals/682.html](http://umanitoba.ca/student/records/finals/682.html)

A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part thereof, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case-by-case basis.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>MM</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: Manual Therapy</td>
<td>Clinical Skills Assessment</td>
<td>MM, MW, JC, EL, LH</td>
<td>1</td>
</tr>
<tr>
<td>0.75</td>
<td>Tx: Manual Therapy</td>
<td>Clinical Skills Assessment</td>
<td>MM, MW, JC, EL, LH</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: LS &amp; L/E</td>
<td>SC Lab</td>
<td>MM, MW, JC, EL, TW</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: LS &amp; L/E</td>
<td>SC Lab</td>
<td>MM, MW, JC, EL, TW</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #2</td>
<td>Exam Assessment</td>
<td>MM</td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #2</td>
<td>Exam Assessment</td>
<td>TBA</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Out Patient</td>
<td>Site Visit</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>3.00</td>
<td>Out Patient</td>
<td>Site Visit</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: Supportive Devices: L/Q II (Bracing/Footwear)</td>
<td>Large Group Lab</td>
<td>MM, RH, JLP</td>
<td></td>
</tr>
</tbody>
</table>
# Written Components

<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exam #1: MCQ and short answer format</strong></td>
<td>50%</td>
<td>2 hours</td>
</tr>
<tr>
<td>Approximate Topics: Gait (7), Intro to the L/S Scan (2), Intro to the L/S (1.5), &amp; Intro to the Pelvis(2), Intro to the Hip (2), Intro to the Knee (2), &amp; Ax tutorials (16.5 contact hours)</td>
<td>50%</td>
<td>2 hours</td>
</tr>
<tr>
<td><strong>Exam #2: MCQ and short answer format</strong></td>
<td>50%</td>
<td>2 hours</td>
</tr>
<tr>
<td>Approximate Topics: Intro to the Foot &amp; Ankle (2), Dynamic stabilization and motor control &amp; L/Q Treatment tutorials, other (13 contact hours)</td>
<td>50%</td>
<td>2 hours</td>
</tr>
</tbody>
</table>

**Written Assessment Total**

| Written Assessment Total | 100% |

---

# Clinical Skill components

<table>
<thead>
<tr>
<th>Clinical Skill components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>L/Q Tx Step 5: EPA I-III</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td><strong>L/Q Ax I Step 5: L/S Scan, L/A Ax I/II &amp; Pelvis</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td><strong>L/Q Ax II Step 5: Hip &amp; Knee Ax I/II</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td><strong>L/Q Ax III Step 5: Foot &amp; Ankle Ax I/II</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td><strong>L/Q Tx Clinical Skills Ax: Therapeutic Ex I - III</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
<tr>
<td><strong>L/Q Tx Clinical Skills Ax: Manual Therapy; mobilization and massage</strong></td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
</tbody>
</table>

*All clinical skills assessments must be satisfactorily completed prior to the student passing the course*
Plagiarism and cheating:

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: [http://umanitoba.ca/student/academiclearning/](http://umanitoba.ca/student/academiclearning/). You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: [http://bit.ly/WcEbA1](http://bit.ly/WcEbA1) or
name: [http://bit.ly/1tJ0bB4](http://bit.ly/1tJ0bB4). In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: [http://bit.ly/1sXe6RA](http://bit.ly/1sXe6RA). When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: [www.umanitoba.ca/libraries](http://www.umanitoba.ca/libraries).

**Section (b): Mental Health Services**

**For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.**

**Student Counselling Centre**
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. [Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html](http://umanitoba.ca/student/counselling/index.html)
474 University Centre or S207 Medical Services
(204) 474-8592

**Student Support Case Management**
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

520 University Centre
(204) 474-7423

**University Health Service**
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

*University Health Service* [http://umanitoba.ca/student/health/](http://umanitoba.ca/student/health/)
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

**Health and Wellness**
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

*Health and Wellness Educator* [http://umanitoba.ca/student/health-wellness/welcome.html](http://umanitoba.ca/student/health-wellness/welcome.html)

Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

**Live Well @ UofM**
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:


**Section (c): Copyright Issues**

All students are required to respect copyright as per Canada’s *Copyright Act*. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit [http://umanitoba.ca/copyright](http://umanitoba.ca/copyright) for more information.
Section (d): Online University and Unit policies, procedures, and supplemental information

Your rights and responsibilities

As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar [http://umanitoba.ca/student/records/academiccalendar.html](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/)

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:
  
  Respectful Work and Learning Environment

  Student Discipline
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html)

  Violent or Threatening Behaviour

  If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at:
  More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

For information about rights and responsibilities regarding Intellectual Property view the policy
For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.
http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
Course Title & Number:

PT 6230 Applied Sciences for Physical Therapy 2

Number of Credit Hours: 6

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Co-Requisites: PT 6124, PT 6130, PT 6140, PT 6221, PT 6224, PT 6250

Course Coordinator Contact Information

Course Coordinator: Joanne Parsons

Preferred Form of Address: Joanne

Office Location: RR 355, Resp/Rehab Hospital, 800 Sherbrook Street

Office Hours/Availability: As my schedule varies, please contact me by email or phone to arrange an appointment.

Office Phone Number: 204-787-1019

Email: Joanne.Parsons@umanitoba.ca

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.

Teaching Team
Course Description

Through lecture, tutorial and laboratory sessions, students will learn the application of anatomy, biomechanics, physiology, pathology and exercise to the neuromusculoskeletal system. Scientific and medical theoretical basis for physical therapy intervention will be covered.

General Course Information

This course covers the pathology and management of diseases, injuries and conditions that physical therapists will encounter in their professional careers. Content is addressed using a combination of in-class activities, online self-directed learning, lab and tutorial work. Class work includes lectures, small group work and interactive learning using online tools.

Course Goals

1. Act with professional and academic integrity, behaving ethically, with honesty and respect for others
2. Use oral and nonverbal communication effectively
3. Integrate self reflection and external feedback to improve personal practice
4. Contribute to effective teamwork, and to the learning of others
5. Use an evidence-informed approach in practice
6. Acquire foundational knowledge on the pathology and management of neuromusculoskeletal diseases, injuries and conditions across the lifespan
7. Acquire foundational knowledge on the properties, therapeutic and physiological effects, indications, contraindications and precautions of electrophysical and thermal agents used in physical therapy practice

Using Copyrighted Material

Please respect copyright. All content in this course is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act...
Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other students in the course.

Textbook, Readings, Materials

Course Resources:

1. Textbooks
      - On Physiotherapy Competency Exam (PCE) Key Reference list; also used in PT6124, PT7122, PT7230
      - Also used in PT6221, PT6224
      - On PCE Key Reference list; also used in PT 6221, PT 6224
      - On PCE Key Reference list; also used in PT6124, PT6250, PT7121, PT7122, PT7230, PT7250, PT7330
      - Also used in PT6250, PT7121, PT7122

2. UM Learn (Click here for instructions on how to gain access)
   a. Course outline
   b. Course notes
   c. Timetable
   d. Audio-visual information
   e. Written assessments

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in a classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students policy, please visit: (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students

I expect you to
- Engage in all learning activities
- Take ownership of your learning by asking questions or seeking out the instructor to clarify content
- Be respectful to the instructor & your fellow classmates at all times; this includes being in class on time
- Return email messages, via your university email account, within 2 working days

Students Can Expect

You can expect me to
- Treat you with respect
- Return email or phone messages within 2 working days
- Return examination results within 2 weeks of the examination date
- Ask you for active participation in class

Student Accessibility Services

Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students
who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services [http://umanitoba.ca/student-supports/accessibility](http://umanitoba.ca/student-supports/accessibility)
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

**Schedule of Topics**

This schedule is subject to change at the discretion of the instructor; but such changes are subject to Section 2.8 of the ROASS Procedure.

For the most updated course timetable and content, go to [http://www.umanitoba.ca/D2L](http://www.umanitoba.ca/D2L), and choose MPT Timetables and then MPT 1.

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>JLP</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Soft Tissue Injury &amp; Repair</td>
<td>Lecture</td>
<td>LaH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Fracture &amp; Joint Injuries</td>
<td>Lecture</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Medication Databases</td>
<td>Self-Study Tutorial</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Pharmacology</td>
<td>Lecture</td>
<td>DK</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Medication Databases</td>
<td>Self-Study Tutorial</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Dx Imaging</td>
<td>Lecture</td>
<td>LU</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Shoulder</td>
<td>Lecture</td>
<td>JLP</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Peripheral Neuropathy</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Pediatric Orthopedic Conditions I: U/Q</td>
<td>Lecture</td>
<td>Mfer</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Elbow</td>
<td>Lecture</td>
<td>JLP</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Wrist &amp; Hand</td>
<td>Lecture</td>
<td>GB</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Pediatric Orthopedic Conditions II: Spinal</td>
<td>Lecture</td>
<td>Mfer</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>----------------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>1.50</td>
<td>Cervical Spine</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #1</td>
<td>Exam Assessment</td>
<td>JLP, TBA</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Concussion</td>
<td>Lecture</td>
<td>RH</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: EPA Intro &amp; Thermal Agents</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: EPA Mechanical Agents</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tx: EPA Electrical Agents</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: EPA Hydrotherapy</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: EPA Photoagents</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Trunk &amp; Abdomen</td>
<td>Lecture</td>
<td>EL</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>L/S &amp; Pelvis</td>
<td>Lecture</td>
<td>JC</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: EPA Review</td>
<td>Tutorial</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Hip</td>
<td>Lecture</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #2</td>
<td>Exam Assessment</td>
<td>MW, TBA</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Tx: EPA</td>
<td>Site Visit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tx: EPA Site Visits</td>
<td>Small Group Tutorial</td>
<td>LAH, BLS, JLP, TG</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Mental Health</td>
<td>Lecture</td>
<td>LDB</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Chronic Disease Management</td>
<td>Lecture</td>
<td>SCo</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Osteoporosis</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Diabetes</td>
<td>Lecture</td>
<td>NRA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Knee</td>
<td>Lecture</td>
<td>JLP</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #3</td>
<td>Exam Assessment</td>
<td>JLP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>1.00</td>
<td>Developmental Changes Across the Lifespan I</td>
<td>Lecture</td>
<td>MFER</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Oncology</td>
<td>Lecture</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>Developmental Changes Across the Lifespan II</td>
<td>Lecture</td>
<td>NRA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Thermal Injuries</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Thermal Injuries: Patient Partner</td>
<td>Model Patient Lab</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Oncology</td>
<td>Model Patient Lab</td>
<td>MW</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Rheumatology</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Rheumatology</td>
<td>Model Patient Lab</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Diabetes</td>
<td>Model Patient Lab</td>
<td>NRA</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Foot &amp; Ankle</td>
<td>Lecture</td>
<td>RH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Chronic Pain</td>
<td>Lecture</td>
<td>LAH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Degenerative Joint Disorders</td>
<td>Lecture</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Pediatric Orthopedic Conditions III: L/Q</td>
<td>Lecture</td>
<td>MFER</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Ax/Tx: Wounds</td>
<td>Lecture</td>
<td>MFro</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Amputations</td>
<td>Lecture</td>
<td>MG</td>
<td></td>
</tr>
<tr>
<td>2.50</td>
<td>Ax/Tx: Integument Swelling</td>
<td>Lecture</td>
<td>MFro</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Exam #4</td>
<td>Exam Assessment</td>
<td>JLP</td>
<td></td>
</tr>
</tbody>
</table>

**Course Evaluation Methods**

A minimum grade of “C+” (65-69%) is required to pass this course. This course is evaluated with a variety of methods: online practice question completion and written assessments.
A change to the date of examinations will only be considered under emergency circumstances, and requires Department Head approval. Vacations are not a suitable reason to change an exam date.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments - Quizzes”.

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Value</th>
<th>Date</th>
<th>Duration (hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formative Learning via UMLearn quizzes:</td>
<td>10%</td>
<td>Exact due dates, times, and topics on each quiz can be found on UMLearn</td>
<td></td>
</tr>
<tr>
<td>Because the process of learning is important (not just the end product of a grade on an exam), you will receive up to 10% of your grade for completing online quizzes in a timely manner. These quizzes can be attempted as many times as you want in order for you to gauge your learning and receive feedback. You are not graded on whether your answers are right or wrong; you receive marks for attempting the quizzes in a timely manner.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Written Assessment 1: Short answer/MCQ</td>
<td>25%</td>
<td>mid Oct</td>
<td>2</td>
</tr>
<tr>
<td>Written Assessment 2: Short answer/MCQ</td>
<td>25%</td>
<td>Dec</td>
<td>2</td>
</tr>
<tr>
<td>Written Assessment 3: Short answer/MCQ</td>
<td>20%</td>
<td>mid-late Jan</td>
<td>2</td>
</tr>
<tr>
<td>Written Assessment 4: Short answer/MCQ</td>
<td>20%</td>
<td>March</td>
<td>2</td>
</tr>
</tbody>
</table>

Written Assessment format
The Written Assessments will be done via UMLearn. The assessments will be mainly composed of multiple choice questions (MCQ), but can also include fill in the blanks, short answer, true or false, and/or matching questions.

You can expect approximately 3-4 marks per one hour of lecture content. For example, you can expect 6-8 multiple choice questions on the content of a 2 hour lecture.

Appendix

Plagiarism and cheating:
This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making
classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support
The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: [http://umanitoba.ca/student/academiclearning/](http://umanitoba.ca/student/academiclearning/). You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)
As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: [http://bit.ly/WcEbA1](http://bit.ly/WcEbA1) or name: [http://bit.ly/1tJ0bB4](http://bit.ly/1tJ0bB4). In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: [http://bit.ly/1sXe6RA](http://bit.ly/1sXe6RA). When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: [www.umanitoba.ca/libraries](http://www.umanitoba.ca/libraries).

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.
Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling.

Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator http://umanitoba.ca/student-supports/health-wellness
Britt Harvey Britt.Harvey@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site: http://umanitoba.ca/student/livewell/index.html

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit http://umanitoba.ca/copyright for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic
While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/).

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/). View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment

  Student Discipline
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html)

  and,

  Violent or Threatening Behaviour

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: [http://umanitoba.ca/admin/governance/governing_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html). More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/).


For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/) or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.
Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
<table>
<thead>
<tr>
<th><strong>Course Title &amp; Number:</strong></th>
<th>PT 6250 Integrated Practice for Neuromusculoskeletal Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Credit Hours:</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Class Times &amp; Days of Week:</strong></td>
<td>Variable</td>
</tr>
<tr>
<td><strong>Location for classes/labs/tutorials:</strong></td>
<td>Variable</td>
</tr>
<tr>
<td><strong>Pre-Requisites:</strong></td>
<td>Pre-admission science and anatomy. Co-requisites: PT 6124; PT 6130: PT 6140; PT 6230</td>
</tr>
</tbody>
</table>

**Course Coordinator Contact Information**

<table>
<thead>
<tr>
<th><strong>Coordinator Name:</strong></th>
<th>Liz Harvey</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preferred Form of Address:</strong></td>
<td>Liz</td>
</tr>
<tr>
<td><strong>Office Location:</strong></td>
<td>R034, Rehabilitation Bldg.</td>
</tr>
<tr>
<td><strong>Office Hours/Availability:</strong></td>
<td>Visit me in my office with your questions or concerns any time. If I am not in my office, please contact me by e-mail or phone and we can arrange an appointment for another time.</td>
</tr>
<tr>
<td><strong>Office Phone Number:</strong></td>
<td>204-977-5656</td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:Liz.Harvey@umanitoba.ca">Liz.Harvey@umanitoba.ca</a></td>
</tr>
</tbody>
</table>

All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.
Teaching Team:
Liz Harvey, R034, Rehab Bldg., 977-5656, Liz.Harvey@umanitoba.ca
Maureen Walker, R216, Rehab Bldg., 977-5640, Maureen.Walker@umanitoba.ca
Mark Garrett, R135, Rehab Bldg., 789-3420, Mark.Garrett@umanitoba.ca
Russ Horbal, R030, Med Rehab Bldg., (204) 771-7397, rhorbal@mts.net
Brenda Tittlemier, umtittle@myumanitoba.ca
TBD

Course Description
Students integrate relevant information for physical therapy management of neuromusculoskeletal conditions through problem-based learning. Case studies reflect current key indicator conditions from the Entry-to-Practice Physiotherapy Curriculum: Content Guidelines for Canadian University Programs.

General Course Information
This course involves client-specific problem-based learning tutorials, case-based presentations and reflective learning by developing health concept maps and snapshots of the health condition (definitions following). Students are expected to incorporate skills and knowledge from concurrent courses (PT 6100, PT 6120, PT 6221, PT 6222, and PT 6230), to continue to develop communication and professional behaviour and to apply components of the Department of Physical Therapy Conceptual Framework.

Course Goals

Upon completion of this section the student will be able to:
1. Use oral and non-verbal communication effectively by demonstrating professional behaviour and respectful communication with participants in education activities;
2. Integrate self-reflection and external feedback to improve personal practice;
3. Act with professional integrity;
4. Contribute to effective teamwork and the learning of others;
5. Ensure client physical and emotional safety;
6. Use an evidence-informed approach in practice; by applying the Clinical Decision-Making Process and the Conceptual Framework and integrate related knowledge for case studies of specific NMSK indicator conditions and other related conditions across the lifespan;
7. Discuss the ethical issues that physiotherapists can encounter in the clinical setting;
8. Establish a diagnosis and prognosis for specific NMSK indicator conditions;
9. Conduct client assessment for NMSK indicator conditions;
10. Develop, implement, monitor and evaluate an intervention plan for NMSK indicator conditions (e.g. outcome measures, self-management, manual therapy, education, electro-physical agents, exercise, supportive devices, and other);
11. Use an evidence-informed approach in practice by incorporating best-evidence into clinical decision making for each case study;
12. Facilitate collaborative relationships by understanding the roles of other health care team members;
13. Complete or transition care for the client to return to activities of daily living and participation in their domain of life (e.g. sports, work, independent living or other) for select NMSK indicator conditions across the lifespan.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials

3. UM Learn (learning system-electronic access)
   a. Course syllabus
   b. Tutorial information
   c. Assignment/presentation rubrics
   d. Lab group lists and schedules

4. RECOMMENDED EQUIPMENT
   d. Laptop

4. RECOMMENDED TEXTBOOK (Neil John McLean Library):
   e. Physiopedia - https://www.physio-pedia.com/home/

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Students should not participate in personal direct electronic messaging / posting activities (e-
mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students
Attendance is expected at all learning sessions; please email the course coordinator if you are absent for any reason. Students are also expected to prepare ahead of time for the learning sessions by reading the course notes and appropriate sections in the reference material and contribute to classroom discussion on related topics.

Students Accessibility Services
Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services http://umanitoba.ca/student/saa/accessibility/
Address: S211 Medical Services Bldg. (Bannatyne Campus), S20 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

Students Can Expect
Students may expect that classes begin on time and end within the designated time period. Instructors are there to facilitate small group discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the classroom setting.
COURSE CONTENT:

For the most updated course schedule and content: Go to [http://www.umanitoba.ca/D2L](http://www.umanitoba.ca/D2L), log on using your UM NetID and choose PT 6250 Integrated Practice for Neuromusculoskeletal Conditions.

Faculty Coaches:  
L. Harvey (LH), M. Walker (MW), M. Garrett (MG), R. Horbal (RH), B. Tittlemier (BT), TBD

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Grp(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial I: Peds I</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, KM, BT</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Course Introduction</td>
<td>Prep Tutorial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Course Introduction</td>
<td>Orientation</td>
<td>LH</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial I: Peds I</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial I: Peds I</td>
<td>Prep Tutorial</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial I: Peds I</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial I: Peds I</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial II: Osteoporosis</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial II: Osteoporosis</td>
<td>Prep Tutorial</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial II: Osteoporosis</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial III: Oncology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial III: Oncology</td>
<td>Prep Tutorial</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial III: Oncology</td>
<td>Prep Tutorial</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------</td>
<td>---------------</td>
<td>-----------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial III: Oncology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial IV: Rheumatology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial IV: Rheumatology</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial IV: Rheumatology</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial IV: Rheumatology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial V: Chronic Pain</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VI: Degenerative Disease</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VI: Degenerative Disease</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VI: Degenerative Disease</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VI: Degenerative Disease</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Tutorial VII: Older Adult</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VII: Older Adult</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VII: Older Adult</td>
<td>Prep Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VII: Older Adult</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>1.50</td>
<td>Tutorial VIII: Peds II</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT, RH, ES</td>
<td></td>
</tr>
<tr>
<td>Contact Time</td>
<td>Topic</td>
<td>Interaction</td>
<td>Instructor(s)</td>
<td>Grp(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------</td>
<td>---------------------</td>
<td>---------------</td>
<td>--------</td>
</tr>
<tr>
<td>2.00</td>
<td>Indicator Conditions</td>
<td>Group Presentations Assessment</td>
<td>LH, SW</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Tutorial VIII: Peds II</td>
<td>Prep Tutorial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Indicator Conditions</td>
<td>Group Presentations Assessment</td>
<td>LH, SW</td>
<td></td>
</tr>
<tr>
<td>2.50</td>
<td>Tutorial VIII: Peds II</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, BT RH, ES</td>
<td></td>
</tr>
</tbody>
</table>

**Course Evaluation Methods**

A minimum grade of “C+” (65-69%) is required to pass this course. This course will be evaluated with a variety of methods: clinical skill assessments, written assessments and two written assignments. **You are required to pass both the practical and theoretical examinations of any physical therapy course having these components.**

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM LEARN under course content “Assessments”
The table below identifies the assessment components.

<table>
<thead>
<tr>
<th>Written Components (Individual)</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health condition:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 1 snapshot (Rheumatology)</td>
<td>10% each</td>
<td>N/A</td>
</tr>
<tr>
<td>• 1 concept map (Osteoporosis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tutorial Leader Assessment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Handout for each of 8 tutorials</td>
<td>5% each</td>
<td>N/A</td>
</tr>
<tr>
<td>• Participation for each of 8 tutorials</td>
<td>2.5% each</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group Case Presentations</strong></td>
<td>20%</td>
<td>0.25 hours</td>
</tr>
</tbody>
</table>

**HEALTH CONDITION CONCEPT MAP AND SNAPSHOT**

You are required to complete 1 concept map and 1 patient snapshot worth 10% each. Each of these items will need to be handed in via Dropbox on UMLearn by **11:59pm** on the day of the specified tutorial. See section below for late assignments. Feedback from tutorial leaders will also be given via Dropbox on UMLearn.

These assessment tools have been developed for the novice student without any clinical experience (Higgs 2008). This work was further developed to apply to the 2012/13 MPT1 program by L. Harvey, G. Pereira, and M. Walker. The purpose of these assessment techniques is to provide the student with an overview of the specific condition without being required to memorize specific details.

The **health conditions concept map** should contain the condition, how it is diagnosed, how does it present clinically, what is the overall management and how does it present from a PT perspective, and then PT intervention in a **visual representation** (eg flow chart, diagram, etc.).

The **health conditions snapshot** or the “problem representation” is a **paragraph** (200-240 words) that summarizes the condition and uses a more general description than the details discussed in a tutorial or presented in the case. This task is designed to encourage the development of consolidating the information given in the subjective and objective presentations with the related pathophysiology. The student documents in their own words how they see this condition presenting. References are not required for this information – it should be what students remember from the tutorial discussion.
Please note: only 200-240 words will be used for marking. Any information following this will not be read or taken into account for marking.

Samples of both concept maps and snapshots are posted on UMLearn, as well as a handout with correct referencing and citations.

Tutorial Leader Assessments

A copy of the marking rubrics for the tutorial leader assessments are posted on UMLearn.

CASE PRESENTATIONS:

A copy of the marking rubric for the case presentations is posted on UMLearn.

Procedure:

1. **Group assignment is posted on UMLearn.**

   Preparation time for these presentations will have to occur outside of scheduled class time.

2. **Presentations:**

   - Not all students need to present the information, however all group members should be prepared to answer any of the questions.

   - Will occur in the numerical order in which the cases are listed.

   - Use of the document viewer or PowerPoint is expected.

   - APPROPRIATE REFERENCING OF PICTURES AND/OR CLIP ART IS EXPECTED ON EACH SLIDE with attention to copyright issues.

   - Presentation time is **15 minutes** followed by **5 minutes for questions from the audience & evaluators.** Time limits will be adhered to: 5 and 2 minute warnings will be given.

   - At the end of the 15 minutes, if the presenter is not finished, the evaluator will stop the presentation to allow for the question period. You will be deducted marks for not finishing on time.

   - Questions can be directed to any member of the group.

   - Random selection of students in the **audience** to ask meaningful questions of the presentation may be done.

Late assignments: Unless otherwise specified in the assignment details and description handed out in learning session, assignments are due to the instructor assigning the evaluation at 4 pm on the date that they are due. A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part there-of, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case by case basis.
Plagiarism and cheating:

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working
remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: 
http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit http://umanitoba.ca/copyright for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University
expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar [http://umanitoba.ca/student/records/academiccalendar.html](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar's Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/)

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment

  Student Discipline
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html) and,

  Violent or Threatening Behaviour

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: [http://umanitoba.ca/admin/governance/governing_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html)

  More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

  For information about rights and responsibilities regarding Intellectual Property view the policy [http://umanitoba.ca/admin/governance/governing_documents/community/235.html](http://umanitoba.ca/admin/governance/governing_documents/community/235.html)

  For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/) or Contact your Program Advisor/faculty member within our department for questions about your
academic program and regulations.

**Student Advocacy**
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
### COURSE DETAILS

<table>
<thead>
<tr>
<th>Course Title &amp; Number:</th>
<th>PT 6260 Physical Therapy Practice and Professional Issues 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credit Hours:</td>
<td>3</td>
</tr>
<tr>
<td>Class Times &amp; Days of Week:</td>
<td>Variable</td>
</tr>
<tr>
<td>Location for classes/labs/tutorials:</td>
<td>Variable</td>
</tr>
<tr>
<td>Pre-Requisites:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Course Coordinator Contact Information

<table>
<thead>
<tr>
<th>Coordinator Name:</th>
<th>Dr. Moni Fricke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Moni</td>
</tr>
<tr>
<td>Office Location:</td>
<td>R030 Rehabilitation Bldg, College of Rehabilitation Sciences</td>
</tr>
<tr>
<td>Office Hours or Availability:</td>
<td>Make an appointment by phone or email (preferred)</td>
</tr>
<tr>
<td>Office Phone No.</td>
<td>(204) 789-3814</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Moni.Fricke@umanitoba.ca">Moni.Fricke@umanitoba.ca</a></td>
</tr>
</tbody>
</table>

All email communication must conform to the [Communicating with Students](#) university policy.

### Teaching Team:

- Moni Fricke (MFr) R030 Rehab Bldg, Moni.Fricke@umanitoba.ca
- Tanya Kozera (TK) R032 Rehab Bldg, Tanya.Kozera@umanitoba.ca
- Liz Harvey (LH) R034 Rehab Bldg, Liz.Harvey@umanitoba.ca
- Sarah Conci (SCo) R133 Rehab Bldg, Sarah.Conci@umanitoba.ca
- Roland Lavallee (RL) R140 Rehab Bldg Roland.Lavalee@umanitoba.ca
- Sandra Webber (SW) RR311 Rehab Hospital, Sandra.Webber@umanitoba.ca
- Joanne Parsons (JLP) RR355A Rehab Hospital, Joanne.Parsons@umanitoba.ca
- Maureen Walker (MW) R216 Rehab Bldg Maureen.Walker@umanitoba.ca
- Terry Woodard (TW) terryjwoodard@hotmail.com
- Matthew Thiessen (MT), Health Sciences Centre, amthiessen@hsc.mb.ca

### Guest Lecturers:

- Career Services
Course Description
Through lecture and tutorial sessions, students will address various professional topics to develop their knowledge concerning business, ethical and legal principles for physical therapy practice.

General Course Information
This course involves class, lab, and tutorial work; students are expected to prepare for each activity by completing the required readings for lectures, tutorials and the assigned laboratories. Class work includes lectures, in-class small group work, tutorial sessions and a small group presentation.

Course Goals
The course is designed to broaden students’ understanding of their professional obligations as a member of the physical therapy profession, provide a forum for students to discuss professional and ethical issues and engage in respectful and critical reflection of the role of physiotherapists in the health care team.

The learning objectives of this course are to provide students with the opportunity to:
18. Act with professional and academic integrity, behaving ethically, with honesty and respect for others;
19. Integrate self-reflection and external feedback to improve personal practice;
20. Use oral and non-verbal communication effectively, including contributing to conflict resolution where it arises;
21. Contribute to effective teamwork and to the learning of others;
22. Use an evidence-informed approach in practice;
23. Apply legal and regulatory requirements to physiotherapy practice;
24. Contribute to effective teamwork and to the learning of others, while facilitating collaborative relationships;
25. Demonstrate awareness of the social determinants of health and emerging trends that may impact physiotherapy practice;
26. Discuss the role of personnel involved in physiotherapy service delivery and the impact on assigning care;
27. Apply an ethical framework to guide decision-making in a variety of professional cases;
28. Advocate for accessibility and sustainability of physiotherapy across the continuum of care through the application of community needs assessments;
29. Balance personal and professional demands;
30. Champion the health needs of clients, advocating for accessibility and sustainability of physiotherapy and other services across the continuum of care;
31. Develop theoretically-based communication approaches for supporting behavioural change, motivation of client, and having difficult conversations;
32. Accept accountability for decisions and actions.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works,
including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyrtig@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials
In general, a list of selected readings is provided for each class. Students are expected to retrieve a copy of the readings by accessing appropriate resources through the university library.

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Accessibility Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit: http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students
Students should ensure that they have completed the assigned readings in advance and come prepared to actively participate in class discussions. Attendance is expected at all sessions as per the UM policy; please email the course coordinator if you are absent for any reason.

Student Accessibility Services
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services [http://umanitoba.ca/student/saa/accessibility/](http://umanitoba.ca/student/saa/accessibility/)
520 University Centre
204 474 7423
Student_accessibility@umanitoba.ca

**Students Can Expect**
Instructors are there to facilitate discussion by prompting students around discussion points as well as sharing their own experiences in an effort to help students expand their learning experiences in the program. The discussions are intended to be open and informal and students can expect a respectful environment in which nothing shared by students will be relayed outside of the learning environment.

### Schedule of Topics

<table>
<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
<td>MFr</td>
</tr>
<tr>
<td>Principles of Record Keeping I &amp; II</td>
<td>Lecture</td>
<td>MFr</td>
</tr>
<tr>
<td>Recording and Reporting to Third Party Payers</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Community Health Needs Assessments</td>
<td>Lecture &amp; small group tutorial</td>
<td>MFr, TK, LH, SW, JLP</td>
</tr>
<tr>
<td>Delegation of Function</td>
<td>Interprofessional Education ** Note: this session will be held at MITT on Pembina Hwy</td>
<td>MFr, JLP, MG, JB, AW, MM, BMcK, SCo</td>
</tr>
<tr>
<td>Population Health Promotion</td>
<td>Interprofessional Education</td>
<td>OIPC</td>
</tr>
<tr>
<td>Ethical Framework</td>
<td>Lecture</td>
<td>MFr</td>
</tr>
<tr>
<td>Boundary Issues</td>
<td>Lecture &amp; small group tutorial</td>
<td>MFr, MT, MW, SW, SCo, LH</td>
</tr>
<tr>
<td>Harm Reduction</td>
<td>Lecture</td>
<td>MFr</td>
</tr>
<tr>
<td>Difficult Conversations</td>
<td>Lab</td>
<td>MFr, KG, SW, DBD, MW, SCo</td>
</tr>
<tr>
<td>Motivational Interviewing I, II, &amp; III</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Marketing Self</td>
<td>Large Group Tutorial</td>
<td>Career Services</td>
</tr>
<tr>
<td>Professional Issues</td>
<td>Small Group Tutorial</td>
<td>MFr, MT, MW, LH, SCo, MG</td>
</tr>
<tr>
<td>Interprofessional Bioethics</td>
<td>Interprofessional Education</td>
<td>MFr, LJ, MP, SB</td>
</tr>
</tbody>
</table>
Course Evaluation Methods

This course will be evaluated with a variety of methods: a group oral presentation, an interprofessional group assignment and two individual written assignments. A minimum grade of “C+” (65-69%) is required to pass this course.

A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part thereof, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date and time. Exceptions for illness or compassionate reasons may be considered on a case by case basis.

As attendance for all sessions is mandatory per UM policy, the final course grade will be reduced by 5% for every two classes missed without prior notification to the course coordinator.

The table below identifies the assessment components and the associated course value. Detailed information regarding dates etc. will be available on UM Learn under course content “Assessments”.

<table>
<thead>
<tr>
<th>Assessment Components</th>
<th>Course Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group assessment:</strong></td>
<td></td>
</tr>
<tr>
<td>Community Needs Assessment oral presentation (40%)</td>
<td>40% + 10%</td>
</tr>
<tr>
<td>Peer Contribution Assessment (10%)</td>
<td></td>
</tr>
<tr>
<td><strong>Individual assessment:</strong></td>
<td></td>
</tr>
<tr>
<td>Written Assignment on narrative letter writing and third party forms</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Individual assessment:</strong></td>
<td></td>
</tr>
<tr>
<td>Written Assignment on Analysis of Professional Issues Cases</td>
<td>25%</td>
</tr>
<tr>
<td><strong>Office of Interprofessional Collaboration Participation:</strong></td>
<td></td>
</tr>
<tr>
<td>3 On-line Discussions (3 x 1) + 1 individual Reflection (2 x 1)</td>
<td>5%</td>
</tr>
</tbody>
</table>
Appendix

Section (a): Plagiarism and cheating

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (b): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have,
regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (c): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781. 

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.
Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.
University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.
Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

Section (d): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office
provides copyright resources and support for all members of the University of Manitoba community.
Visit http://umanitoba.ca/copyright for more information.

Section (e): Online University and Unit policies, procedures, and supplemental information

Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.
The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.
While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/.

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:


  Student Discipline http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: http://umanitoba.ca/admin/governance/governing_documents/community/230.html
More information and resources can be found by reviewing the Sexual Assault site http://umanitoba.ca/student/sexual-assault/
For information about rights and responsibilities regarding **Intellectual Property** view the policy [http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/). Contact your **Program Advisor** within our department for questions about your academic program and regulations.

**Student Advocacy**
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
COURSE DETAILS

Course Title & Number: PT 6291 Neuromusculoskeletal Clinical Education 1
Number of Credit Hours: 6
Class Times & Days of Week: Variable
Location for classes/labs/tutorials: Variable
Pre-Requisites: All MPT1 academic courses

Course Coordinator Contact Information

Coordinator Name: Mark Garrett
Preferred Form of Address: Mark
Office Location: R134 Rehabilitation Bldg
Office Hours/Availability: Please visit me in my office with your questions or concerns any time. If I am not in my office from 8:00 to 4:00pm, please contact me by email or phone and we can arrange an appointment for another time.
Office Phone Number: 204-789-3420
Email: Mark.Garrett@umanitoba.ca
All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.

Teaching Team
Students are instructed in this course by licensed physical therapists (Clinical Instructors or CIs) in a variety of acute/hospital care, rehabilitation/long term care, and ambulatory/community care settings.

Course Description
First of two six-week experiential learning periods in the clinical community, providing opportunity for students to assess and treat clients with neuromusculoskeletal disorders under supervision. Includes 3-4
hours of preparatory sessions prior to the placements, and 3-4 hours of follow up including debriefing group discussion.

**General Course Information**

The course consists of the following components:

1. Classroom sessions to prepare students to meet the legal, ethical, health, social and clinical performance requirements of their clinical placements throughout the program.
2. An Objective Structured Clinical Evaluation (OSCE), in which all clinical skills presented in the MPT1 academic block may be assessed. The OSCE will occur in the last week of the MPT1 classes. Students will be required to integrate and apply clinical skills from several courses to a number of clinical scenarios similar to those they may encounter during clinical placement.
3. An NMSK clinical placement which will follow successful completion of the OSCE. The placement will be full-time, approximately 37.5 hours per week for 6 weeks. The hours of clinical practice will correspond to those of the CI. As a result, flexible scheduling such as evening shifts may be required. The ACCE will provide each student with at least one outpatient NMSK placement in MPT1.
4. A classroom debrief (Placement Reflection and Academic Integration Session or “PRAIS”) following the two NMSK clinical placements which will facilitate students’ reflection regarding their placement experiences and adequacy of academic preparation.

**Course Goals**

During the clinical placement, students may have the opportunity to:

1. Use oral and nonverbal communication effectively with all participants;
2. Integrate self reflection and external feedback to improve personal practice;
3. Act with professional integrity;
4. Facilitate collaborative relationships and contribute to effective teamwork;
5. Ensure client physical and emotional safety and a safe practice environment in all learning activities;
6. Independently take a history and perform a physical assessment on an uncomplicated client;
7. Synthesize and interpret the results of history and physical assessment findings for an uncomplicated client using the Department of Physical Therapy Conceptual Framework of Clinical Practice in collaboration with the CI to determine a physiotherapy diagnosis and prognosis;
8. Develop a safe and effective treatment plan in collaboration with the client and the CI;
9. Provide safe and effective interventions;
10. Provide patient and/or family education and feedback in an independent manner;
11. Identify the client’s need for involvement of other professionals in the client’s care and initiate a referral, in collaboration with the CI;
12. Document independently the assessment/reassessment and treatment findings in a client;
13. Communicate effectively through verbal and nonverbal means and/or in writing with clients, the CI and the health care / interdisciplinary team concerning the client’s function, mobility, health and well-being;
14. Delegate appropriate responsibilities to support staff;
15. Manage time independently within the CI’s expectations of the student’s caseload;
16. Complete a presentation or assignment as required by the CI using current evidence and best practice information;
17. Fulfill the Clinical Learning Contact negotiated early in the clinical placement with the CI;
18. Continuously reflect on the clinical experience during the clinical placement through self-evaluation and discussion with the CI. Formal reflection will be required for completion of the Assessment of Clinical Practice (ACP) self-evaluation form, the Student Evaluation of the Clinical Placement form, and elements of the Student Educational Portfolio. Informal reflection will occur at the PRAIS;
19. Demonstrate professional and respectful behavior with all clients, the CI and the health care / interdisciplinary team;
20. Collaborate with the CI and other team members regarding client-focused care; and
21. Adhere to legal / ethical requirements.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials
All textbooks and lecture/lab notes from the MPT1 academic courses.

Course Technology
Students are not permitted to use personal electronic devices at any clinical placement location unless specifically permitted by their CI.

Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.
Expectations of Students

Students are expected to adhere to the *Department of Physical Therapy Professional Code of Ethics* at all times during clinical placements, both on and off the University Campus. Key points include:

1. **Attendance at clinical placement:** Students are responsible for contacting both the ACCE and the facility ahead of time in the event of arriving late or missing a day. The expectation is that the student will initiate contact prior to their designated start time / date, and ensure that the message is left with a person at the facility rather than as voicemail. Failure to contact the facility and ACCE is considered a serious breach of professional behavior, and the facility may elect to discontinue the placement with the result that the student will fail the placement.

2. **Clinical Learning Contract:** Students are to develop a clinical learning contract in collaboration with their CIs early in the clinical placement to identify the goals for that particular setting. The clinical education experience will vary from setting to setting based on the patient population.

3. **Self-reflection responsibilities:** Students will be provided with the opportunity to share in self-reflection following their two NMSK clinical placements at the NMSK PRAIS. The session will provide opportunity for students to comment informally on:
   a) The physiotherapy role and skills practiced or observed in terms of the essential competency profile for physiotherapists. Major code of ethics items will be integrated under the roles to which they most apply. Professional issues such as informed consent, confidentiality and boundary issues will be discussed.
   b) Communication in the clinical environment - with CIs, the patient care team, etc.
   c) Safety considerations in the clinical environment.
   d) Students’ perceptions of their academic preparedness for clinical placements.
   e) Inconsistencies between academic content and clinical practice.
   f) Curriculum sequencing, frequency and type of assessments, and reference textbooks.

4. **Record of clinical skills practiced:** Students are to refer to the *Foundational and Neuromusculoskeletal Clinical Skills Checklist* for a comprehensive list of clinical skills that they may have the opportunity of applying while on placement. Throughout the placement, students will maintain a record of skills observed and/or successfully practiced by completing the checklist. Students will add to this checklist with additional skills observed and/or practiced in their NMSK2 placement to capture all of their first year clinical placement experiences. Students will submit their completed checklist to the ACCE at the end of their NMSK2 placement.

Students Accessibility Services

**Student Accessibility Services**
If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

**Student Accessibility Services** [http://umanitoba.ca/student/saa/accessibility/](http://umanitoba.ca/student/saa/accessibility/)
Address: S211 Medical Services Bldg. (Bannatyne Campus), S20 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca
COURSE CONTENT:

For the most current course schedule and content, please go to [http://www.umanitoba.ca/D2L](http://www.umanitoba.ca/D2L), log on using your UM NetID, and choose PT 6291 – *Neuromusculoskeletal Clinical Education 1*.

Faculty Coaches (FC): MM= M. McMurray; MG= M. Garrett; WL= Dr. Libich; KM= K. Meelker; LH = Liz Harvey; MFr= M. Fricke; CI= Clinical Instructor;

<table>
<thead>
<tr>
<th>Schedule of Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Topic</strong></td>
</tr>
<tr>
<td>Curriculum overview &amp; document signing</td>
</tr>
<tr>
<td>Immunizations</td>
</tr>
<tr>
<td>Resume Writing</td>
</tr>
<tr>
<td>CPM Orientation</td>
</tr>
<tr>
<td>Routine practices (mandatory)</td>
</tr>
<tr>
<td>Copyright, Security, Fire &amp; Safety</td>
</tr>
<tr>
<td>PHIA (no late admittance)</td>
</tr>
<tr>
<td>Social media</td>
</tr>
<tr>
<td>Clinical placement allocation</td>
</tr>
<tr>
<td>Mask fit testing</td>
</tr>
<tr>
<td>OSCE (S6) Preparation</td>
</tr>
<tr>
<td>Clinical placement preparation</td>
</tr>
<tr>
<td>Integrated Clinical Skills Ax</td>
</tr>
<tr>
<td>NMSK Clinical Placement -Rotation 1 (April-May) or -Rotation 2 (May-June)</td>
</tr>
<tr>
<td>Placement Reflection &amp; Academic Integration Session (NMSK PRAIS)</td>
</tr>
</tbody>
</table>
Course Evaluation Methods

The course is pass/fail, and is evaluated with a two part assessment as follows. Students are required to pass the first (OSCE) component before proceeding to their clinical placement, and are required to pass both components to pass the course overall.

1. **Clinical Skills Assessment OSCE (S6):**
   The OSCE (S6) utilizes a standardized client to assess students’ understanding and performance of applied physiotherapy knowledge, skills and attitudes. During the OSCE, all students are given the same clinical skills assessment and asked to integrate a broad range of clinical skills relevant to a specific case. Students are required to achieve a minimum overall grade of C+ (65-69%) for the OSCE prior to proceeding to the clinical placement. In the event of failure of this component, the decision to offer a re-sit of the OSCE will be made at a follow-up Department of Physical Therapy Student Progress Meeting.

2. **Clinical Placement:**
   Throughout the clinical placement, students are encouraged to self-evaluate their clinical skills, and the CI is expected to provide ongoing informal, formative feedback. Students’ clinical performance is formally evaluated using the *Canadian Physiotherapy Assessment of Clinical Performance (ACP)*, accessed online through the HSPnet website. Both the CI and the student complete the ACP on the student at the midpoint and end of placement, and the two documents will be compared to provide the student with a learning opportunity regarding their perception of their performance. At the end of the placement, the CI will enter the student’s placement grade on the ACP prior to submitting it to the ACCE via HSPnet. The grade for the placement is pass/fail.

Appendix

**Plagiarism and cheating:**

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any
form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1tJ0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre

Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html

474 University Centre or S207 Medical Services

(204) 474-8592

Student Support Case Management

Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources,
provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

Student Support Intake Assistant  http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service  http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator  http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:

http://umanitoba.ca/student/livewell/index.html

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit  http://umanitoba.ca/copyright  for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar  http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form  http://umanitoba.ca/registrar/
• You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the **Academic Integrity** regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the **Student Academic Misconduct** procedure for more information.

• The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  **Respectful Work and Learning Environment**

  **Student Discipline**
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html) and,

  **Violent or Threatening Behaviour**

• If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Assault** policy may be found at:

More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

For information about rights and responsibilities regarding **Intellectual Property** view the policy [http://umanitoba.ca/admin/governance/governing_documents/community/235.html](http://umanitoba.ca/admin/governance/governing_documents/community/235.html)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/) or Contact your **Program Advisor/faculty member** within our department for questions about your academic program and regulations.

**Student Advocacy**

Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

  520 University Centre
  204 474 7423
  student_advocacy@umanitoba.ca
COURSE DETAILS

Course Title & Number: PT 6292 Neuromusculoskeletal Clinical Education 2
Number of Credit Hours: 6
Class Times & Days of Week: Variable
Location for classes/labs/tutorials: Variable
Pre-Requisites: All MPT1 academic courses and PT 6291 NMSK Clinical Education 1

Course Coordinator Contact Information

Coordinator Name: Mark Garrett
Preferred Form of Address: Mark
Office Location: R134 Rehabilitation Bldg
Office Hours/Availability: Please visit me in my office with your questions or concerns any time. If I am not in my office from 8:00 to 4:00pm, please contact me by email or phone and we can arrange an appointment for another time.
Office Phone Number: 204-789-3420
Email: Mark.Garrett@umanitoba.ca
All email communication must conform to the Communicating with Students university policy (see class communication). I will only respond to official University of Manitoba emails.

Teaching Team
Students are instructed in this course by licensed physical therapists (Clinical Instructors or CIs) in a variety of acute/hospital care, rehabilitation/long term care, and ambulatory/community care settings.

Course Description
Second of two six-week experiential learning periods in the clinical community, providing opportunity for students to assess and treat clients with neuromusculoskeletal disorders under supervision.
General Course Information

This course consists of one clinical placement that is completed either:

1. On a full-time basis (approximately 37.5 hours per week) over a six week period, or
2. On a part-time basis (evenings and weekends) over a period of approximately 10 weeks.
   (NB: Option 2 applies exclusively to the faculty-led sports clinical placement.)

The hours of clinical practice will correspond to those of the CI. As a result, flexible scheduling such as evening shifts may be required. The ACCE will provide each student with at least one outpatient neuromusculoskeletal placement in MPT1.

Course Goals

During the clinical placement, students may have the opportunity to:

1. Use oral and nonverbal communication effectively with all participants;
2. Integrate self reflection and external feedback to improve personal practice;
3. Act with professional integrity;
4. Facilitate collaborative relationships and contribute to effective teamwork;
5. Ensure client physical and emotional safety and a safe practice environment in all learning activities;
6. Independently take a history and perform a physical assessment on an uncomplicated client;
7. Synthesize and interpret the results of history and physical assessment findings for an uncomplicated client using the Department of Physical Therapy Conceptual Framework of Clinical Practice in collaboration with the CI to determine a physiotherapy diagnosis and prognosis;
8. Develop a safe and effective treatment plan in collaboration with the client and the CI;
9. Provide safe and effective interventions;
10. Provide patient and/or family education and feedback in an independent manner;
11. Identify the client’s need for involvement of other professionals in the client’s care and initiate a referral, in collaboration with the CI;
12. Document independently the assessment/reassessment and treatment findings in a client;
13. Communicate effectively through verbal and nonverbal means and/or in writing with clients, the CI and the health care / interdisciplinary team concerning the client’s function, mobility, health and well-being;
14. Delegate appropriate responsibilities to support staff;
15. Manage time independently within the CI’s expectations of the student’s caseload;
16. Complete a presentation or assignment as required by the CI using current evidence and best practice information;
17. Fulfill the Clinical Learning Contact negotiated early in the clinical placement with the CI;
18. Continuously reflect on the clinical experience during the clinical placement through self-evaluation and discussion with the CI. Formal reflection will be required for completion of the Assessment of Clinical Practice (ACP) self-evaluation form, the Student Evaluation of the Clinical Placement form, and elements of the Student Educational Portfolio. Informal reflection will occur at the PRAIS;
19. Demonstrate professional and respectful behavior with all clients, the CI and the health care / interdisciplinary team;
20. Collaborate with the CI and other team members regarding client-focused care; and
21. Adhere to legal / ethical requirements.
Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures
No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of the instructors and other student in the course.

Textbook, Readings, Materials
All textbooks and lecture/lab notes from the MPT1 academic courses.

Course Technology
Students are not permitted to use personal electronic devices at any clinical placement location unless specifically permitted by their CI.

Class Communication
The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit: http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Please note that all communication between instructors and students must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations of Students
Students are expected to adhere to the Department of Physical Therapy Professional Code of Ethics at all times during clinical placements, both on and off the University Campus. Key points include:

4. **Attendance at clinical placement:** Students are responsible for contacting both the ACCE and the facility ahead of time in the event of arriving late or missing a day. The expectation is that the student will initiate contact prior to their designated start time / date, and ensure that the message is left with a person at the facility rather than as voicemail. Failure to contact the facility and ACCE is considered a serious breach of professional behavior, and the facility may elect to discontinue the placement with the result that the student will fail the placement.

5. **Clinical Learning Contract:** Students are to develop a clinical learning contract in collaboration with their CIs early in the clinical placement to identify the goals for that particular setting. The clinical education experience will vary from setting to setting based on the patient population.

6. **Self-reflection responsibilities:** Students will be provided with the opportunity to share in self-reflection following their two NMSK clinical placements at the NMSK PRAIS. The session will provide opportunity for students to comment informally on:
g) The physiotherapy role and skills practiced or observed in terms of the essential competency profile for physiotherapists. Major code of ethics items will be integrated under the roles to which they most apply. Professional issues such as informed consent, confidentiality and boundary issues will be discussed.

h) Communication in the clinical environment - with CIs, the patient care team, etc.

i) Safety considerations in the clinical environment.

j) Students’ perceptions of their academic preparedness for clinical placements.

k) Inconsistencies between academic content and clinical practice.

l) Curriculum sequencing, frequency and type of assessments, and reference textbooks.

7. **Record of clinical skills practiced**: Students are to refer to the *Foundational and Neuromusculoskeletal Clinical Skills Checklist* for a comprehensive list of clinical skills that they may have the opportunity of applying while on placement. Throughout the placement, students will maintain a record of skills observed and/or successfully practiced by adding to the checklist that they initiated with their NMSK1 placement to capture all of the skills that they practiced during their first year placements. Students will submit the completed checklist to the ACCE at the end of their NMSK2 placement.

---

**Students Accessibility Services**

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

*Student Accessibility Services* [http://umanitoba.ca/student/saa/accessibility/](http://umanitoba.ca/student/saa/accessibility/)

Address: S211 Medical Services Bldg. (Bannatyne Campus), S20 University Centre (Fort Garry Campus)

Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca

---

**Schedule of Topics**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Total hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMSK Clinical Placement</td>
<td>Clinical Placement</td>
<td>225 hrs (6 weeks)</td>
<td><em>Students complete only one placement, which is scheduled in one of these three placement slots. (NB: Rotation 4 is for the student-led football placement only)</em></td>
</tr>
</tbody>
</table>

---
Course Evaluation Methods

The course is pass/fail as follows. Students are required to pass the clinical placement to pass the course overall.

Clinical Placement:
Throughout the clinical placement, students are encouraged to self-evaluate their clinical skills, and the CI is expected to provide ongoing informal, formative feedback. Students’ clinical performance is formally evaluated using the Canadian Physiotherapy Assessment of Clinical Performance (ACP), accessed online through the HSPnet website. Both the CI and the student complete the ACP on the student at the midpoint and end of placement, and the two documents will be compared to provide the student with a learning opportunity regarding their perception of their performance. At the end of the placement, the CI will enter the student’s placement grade on the ACP prior to submitting it to the ACCE via HSPnet. The grade for the placement is pass/fail.

Appendix

Plagiarism and cheating:

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.

Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss
content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1tJ0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services
For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.
Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html
520 University Centre
(204) 474-7423

University Health Service
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.
University Health Service http://umanitoba.ca/student/health/
Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator [http://umanitoba.ca/student/health-wellness/welcome.html](http://umanitoba.ca/student/health-wellness/welcome.html)
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site: [http://umanitoba.ca/student/livewell/index.html](http://umanitoba.ca/student/livewell/index.html)

Section (c): Copyright Issues
All students are required to respect copyright as per Canada’s *Copyright Act*. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit [http://umanitoba.ca/copyright](http://umanitoba.ca/copyright) for more information.

Section (d): Online University and Unit policies, procedures, and supplemental information

Your rights and responsibilities
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar [http://umanitoba.ca/student/records/academiccalendar.html](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections *University Policies and Procedures* and *General Academic Regulations*.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/)

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:
Respectful Work and Learning Environment
http://umanitoba.ca/admin/governance/governing_documents/community/230.html

Student Discipline
http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

Violent or Threatening Behaviour
http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at:
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html
  More information and resources can be found by reviewing the Sexual Assault site
  http://umanitoba.ca/student/sexual-assault/

- For information about rights and responsibilities regarding Intellectual Property view the policy
  http://umanitoba.ca/admin/governance/governing_documents/community/235.html

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/ or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.

Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca
University of Manitoba  
College of Rehabilitation Sciences  
Department of Physical Therapy  
Spring 2021

COURSE DETAILS

Course Title & Number: PT 6310: Foundations of Evidence-Based Practice II

Number of Credit Hours: 1

Class Times & Days of Week: self-study

Location for classes: self-study

Course Coordinator Contact Information

Name: Brian MacNeil

Office Location: R213 (2nd floor Rehabilitation Building, 771 McDermot Ave.)

Contact: Please contact me via email at brian.macneil@umanitoba.ca to set up a time to meet if you would like to discuss something about the course.

Office Phone: 204-977-5635
Email: All email communication must conform to the Communicating with Students University policy available at: (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)

Course Description
Students will learn to identify appropriate research and/or evaluation questions and appropriate methodologies for the rehabilitation context and the general process of conducting a research/evaluation study to facilitate future participation in research.

General Course Information
This course is self-study in its entirety and will introduce students to the basic mechanics of the research process typically utilized within the various research domains most relevant to the practice of physical therapy and rehabilitation in general. The course will equip students with an understanding and some elementary skills relevant to quantitative and qualitative research. The content delivered in this course serves as background material, along with that delivered in PT6110, for the undertaking of the systematic review project (PT 7500).

Course Goals
The objectives for the course include:
8. Use oral and non-verbal communication effectively.
9. Integrate self reflection and external feedback to improve personal practice.
10. Act with professional and academic integrity, behaving ethically, with honesty and respect for others.
11. Contribute to effective teamwork and to the learning of others.
12. Use an evidence-informed approach in practice.
13. Identify and explain the key aspects of research ethics and research integrity.
14. Identify and explain key aspects of quantitative research such as internal and external validity, descriptive and inferential statistics and Type I vs Type II errors.
15. Identify and explain key aspects of qualitative research such as theoretical approaches, sampling, data collection techniques and rigor.

Using Copyrighted Material
Please respect copyright. All content in this used is to be used appropriately by acknowledging the source and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created for the course, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a learning
management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Textbook, Readings, Materials
The following textbook chapters are used for the two written modules within the course:

2. Chapter 7: Quantitative Research Methods: Gathering and Making Sense of Numbers (pages 130 - 149) from Healthcare Research : A Handbook for Students and Practitioners. This is available as an electronic textbook and the individual chapter may be downloaded as a stand-alone PDF.

3. Chapter 8: Qualitative Research Methods: Gathering and Making Sense of Words (pages 150 - 17) from Healthcare Research : A Handbook for Students and Practitioners. This is available as an electronic textbook and the individual chapter may be downloaded as a stand-alone PDF.

Course Technology
It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Student Accessibility Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (© S Kondrashov. Used with permission)

Class Communication
The University requires all students to activate an official University email account. Please note that all communication between faculty and students must comply with the electronic communication with student policy: (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Class Schedule
This course consists entirely of self-study modules and therefore has no scheduled classes.

Course Evaluation Methods

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
</tr>
</thead>
</table>

137 | Page
<table>
<thead>
<tr>
<th>Course</th>
<th>Due Date</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Course on Research Ethics (CORE-2)</td>
<td>Aug 06, 2021</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>2. Course on Research Integrity (GRAD 7300)</td>
<td>Aug 06, 2021</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>3. Quantitative Research Methods</td>
<td>Aug 06, 2021</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>4. Qualitative Research Methods</td>
<td>Aug 06, 2021</td>
<td>Pass/Fail</td>
</tr>
</tbody>
</table>

**Grading**

All assignments are graded on a Pass/Fail basis. A Pass grade consists of completion of the four individual components by the due date. All components must be completed to receive a Pass for the course.

3. **Late assignments:** Unless otherwise specified in the assignment details and description handed out in a learning session, assignments are due to the instructor assigning the evaluation at 4 pm on the date that they are due. A student who submits an assignment late will have 10% of the mark deducted per day (24 hours) or part thereof, up to a maximum of 3 days (72 hours). Assignments will not be accepted beyond 72 hours after the due date. Exceptions for illness or compassionate reasons may be considered on a case by case basis.

**Appendix**

**Plagiarism and cheating:**

This course strictly adheres to the Academic Integrity Policies of the University of Manitoba and the Department of Physical Therapy as stated in the CoRS PT Student Handbook. Plagiarism is defined as the presentation of another’s writing or ideas as your own. Students must keep this in mind when making classroom presentations, preparing papers for submission etc. This includes not only the written content but also relevant graphics.
Plagiarism, cheating and impersonation at exams are serious offences subject to disciplinary measures at the University that may lead to suspension or expulsion. Be aware that these expectations apply equally to Practical and Written examinations; sharing information with another student regarding exam content or material is prohibited.

Refer to the MPT 1 Syllabus Guide for the Department of Physical Therapy Referencing Standard and examples of appropriate referencing. It is prohibited to record or copy any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from course instructors, any of the lectures, materials provided or published in any form during or from this course.

Section (a): Academic Supports available to students
Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: http://umanitoba.ca/student/academiclearning/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1tJ0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

Section (b): Mental Health Services
For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.
**Student Counselling Centre**
Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. *Student Counselling Centre: http://umanitoba.ca/student/counselling/index.html*
474 University Centre or S207 Medical Services
(204) 474-8592

**Student Support Case Management**
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.
*Student Support Intake Assistant http://umanitoba.ca/student/case-manager/index.html*
520 University Centre
(204) 474-7423

**University Health Service**
Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.
*University Health Service http://umanitoba.ca/student/health/
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)*

**Health and Wellness**
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.
*Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html*
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032

**Live Well @ UofM**
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

**Section (c): Copyright Issues**
All students are required to respect copyright as per Canada’s *Copyright Act*. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community. Visit http://umanitoba.ca/copyright for more information.

**Section (d): Online University and Unit policies, procedures, and supplemental information**

*Your rights and responsibilities*
As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.
The *Academic Calendar* http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections *University Policies and Procedures* and *General Academic*
Regulations.
While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form [http://umanitoba.ca/registrar/](http://umanitoba.ca/registrar/).

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support [http://umanitoba.ca/academicintegrity/](http://umanitoba.ca/academicintegrity/) View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment

  Student Discipline
  [http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html) and,

  Violent or Threatening Behaviour

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at: [http://umanitoba.ca/admin/governance/governing_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html)

More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)

- For information about rights and responsibilities regarding Intellectual Property view the policy [http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/) or Contact your Program Advisor/faculty member within our department for questions about your academic program and regulations.
Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca