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>
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<td>PT 6100</td>
<td>Foundations of Physical Therapy</td>
<td>5</td>
<td>Fall 2019</td>
<td>B. Schorr</td>
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<tr>
<td>PT 6110</td>
<td>Foundations to Evidenced-Based Practice 1</td>
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<td>B. MacNeil</td>
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<tr>
<td>PT 6124</td>
<td>Physical Therapy and Hospital Based Care</td>
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<td>L. Harvey</td>
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<tr>
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<td>PT 6140</td>
<td>Neuromusculoskeletal Anatomy for Physical Therapy</td>
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<tr>
<td>PT 6221</td>
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<td>M. McMurray</td>
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<td>PT 6224</td>
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<td>J. Parsons</td>
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<td>Integrated Practice for Neuromusculoskeletal Conditions</td>
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<tr>
<td>PT 6260</td>
<td>Physiotherapy Practice and Professional Issues 1</td>
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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: Rebecca Schorr

Preferred Form of Address: Becky

Office Location: R032 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 4:00 pm, please contact me by e-mail or phone and we can arrange an appointment for another time.

Office Phone Number: 204-789-3432

Email: Rebecca.Schorr@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:

Ruth Barclay, RR 323A Rehabilitation Hospital, Ruth.Barclay@umanitoba.ca
Moni Fricke, R030, Rehab Bldg., Moni.Fricke@umanitoba.ca
Liz Harvey, R034 Rehab Bldg., Elizabeth.Harvey@umanitoba.ca
Tanya Kozera, R032 Rehab Bldg., Tanya.Kozera@umanitoba.ca
Rebecca Schorr, R032 Rehab Bldg., Rebecca.Schorr@umanitoba.ca
Barb Shay, R113 Med Rehab Bldg., Barbara.Shay@umanitoba.ca
Maureen Walker, R216 Rehab Bldg., Maureen.Walker@umanitoba.ca
Guest lecturers or tutorial leaders:
Marcia Anderson, Community Health Sciences, (204-789-3383)
Debra Beach-Ducharme, Director of Indigenous Health, (204) 789-3521
Leah Deane, Student Support Services, http://umanitoba.ca/student/
Margaret Lavallee, Elder in Residence, Margaret.Lavallee@umanitoba.ca
Puck Mai, Department of RT, Puck.Mai@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, R117 Rehab Bldg., Leanne.Leclair@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 determinant 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 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/](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

1. REQUIRED TEXTBOOKS / READINGS:  
   See Appendix 2 for REQUIRED READINGS & VIEWINGS:

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).
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

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:

MA=M. Anderson; RB=R. Barclay; DBD=D. Beach-Ducharme; LD=L. Deane; MFr=M. Fricke; LH=L. Harvey; TK=T. Kozera; ML=M. Lavallee; LL=L. LeClaire; PM=P. Mai; RM=R. Malone; LM=L. Mendez; AS=A. Salonga; BLS= B. Shay; BSch=R. Schorr; PS=P. Stewart; MW=M. Walker
## Schedule of Topics:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Type of Interaction</th>
<th>Grp(s)</th>
<th>Instructor(s)</th>
<th>Contact Time</th>
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<tr>
<td>Course Introduction</td>
<td>Orientation</td>
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<td>What is PT</td>
<td>Large Group Tutorial</td>
<td>BSch, LH</td>
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<td>Reflective Practice</td>
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<td>Communication: Basic Patient Interview I</td>
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<td>Quality of Life</td>
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<td>ILRC Staff</td>
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<td>BLS</td>
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<td>OIPC: Engaging our Community</td>
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<td>Abilities and Quality of Life</td>
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<td>Instructor(s)</td>
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<td>Health Professions Panel</td>
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<td>Presentations</td>
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Course Evaluation Methods

This course is evaluated on a pass/fail basis using a variety of methods: Individual reflective papers, participation in the inter-professional discussions, and a group presentation. Each assignment will include required criteria and due dates which will be described within the Assessment Folder on UM Learn. Three out of the four assignments must be passed in order to pass the course.

Late Assignments: A change to the deadline date of assignments will only be considered under emergency circumstances and requires Department Head approval. Vacations are not a suitable reason to change an assignment deadline. 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. If Reflective Professional Journal assignments are deemed unsatisfactory, the students will re-submit their assignment until the instructor is satisfied with the depth and breadth of the self-reflection.

The table below identifies the assessment components.

<table>
<thead>
<tr>
<th>Components</th>
<th>Course Value</th>
<th>Duration</th>
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<tr>
<td>Reflective Professional Journaling assignments:</td>
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</tr>
<tr>
<td>1. Abilities and quality of life, and</td>
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<td></td>
</tr>
<tr>
<td>2. Communication, Education and Cultural Sensitivity</td>
<td>Pass/Fail</td>
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<tr>
<td>There is a marking rubric posted on UM Learn regarding these assignments.</td>
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<tr>
<td>Inter-professional collaborative care discussion and Individual reflection</td>
<td>Pass/Fail</td>
<td></td>
</tr>
<tr>
<td>Community Health Site Visit Presentations</td>
<td>Pass/Fail</td>
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</tbody>
</table>
Appendix 1

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/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.

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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
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Your rights and responsibilities

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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/).
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- 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](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html)
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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
Appendix 2

COURSE REQUIRED READINGS / VIEWINGS


**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

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**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

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**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

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**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.

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**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>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
<td>BMac</td>
<td>0.5</td>
</tr>
<tr>
<td>Philosophy of EBP &amp; PICO Format</td>
<td>Lecture</td>
<td>BMac</td>
<td>1.5</td>
</tr>
<tr>
<td>Finding the Evidence</td>
<td>Split Group Lab</td>
<td>BMac, HL</td>
<td>1.5</td>
</tr>
<tr>
<td>Finding the Evidence</td>
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<td>1.5</td>
</tr>
<tr>
<td>Course Title</td>
<td>Type</td>
<td>Instructor</td>
<td>Credit</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>------------------</td>
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</tr>
<tr>
<td>Intervention Studies/RCTs</td>
<td>Lecture</td>
<td>BMac</td>
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<tr>
<td>Outcome Measures</td>
<td>Lecture</td>
<td>BMac</td>
<td>1</td>
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<tr>
<td>Epidemiology Studies</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Diagnostic Tests</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Summarizing the Evidence</td>
<td>Lecture</td>
<td>RM</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Practice Guidelines</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Qualitative Research</td>
<td>Large Group Tutorial</td>
<td>MFr</td>
<td>2.5</td>
</tr>
<tr>
<td>Exam</td>
<td>Exam Assessment</td>
<td>BMac</td>
<td>1.5</td>
</tr>
<tr>
<td>Finding and retrieving the evidence</td>
<td>Individual Written Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical appraisal of an intervention study I</td>
<td>Group Written Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical appraisal of an intervention study II</td>
<td>Group Written Assessment</td>
<td></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.”

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 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>
</tr>
</thead>
<tbody>
<tr>
<td>Written exam 1: Short answer/MCQ, cumulative</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>
<tr>
<td>2) Critical appraisal of an intervention study I</td>
<td>15%</td>
</tr>
<tr>
<td>3) Critical appraisal of an intervention study II</td>
<td>20%</td>
</tr>
</tbody>
</table>
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.

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  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/]

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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, mvroese3@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

1. REQUIRED TEXTBOOKS / READINGS:
   c. Mock charts

2. UM Learn (learning system-electronic access)
   a. Course syllabus
   b. Assigned readings
   c. Lab documents
   d. Assignment rubrics
   e. Lab group lists and schedules
3. RECOMMENDED EQUIPMENT
   a. Stethoscope—available from the U of M bookstore
   b. Watch with a second hand or digital read-out
   c. Laptop

4. RECOMMENDED TEXTBOOK (Neil John McLean 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 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).

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**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](mailto: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](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>Topic</th>
<th>Type of Interaction</th>
<th>Instructor(s)</th>
<th>Contact Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
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</tr>
<tr>
<td>PT Role in Hospital In-patient Care</td>
<td>Lecture</td>
<td>LH</td>
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</tr>
<tr>
<td>In Patient</td>
<td>Site Visit</td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td>Ax: Body Systems and Medical Implications</td>
<td>Self-Study</td>
<td></td>
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<tr>
<td>Surgical Procedures-Adults</td>
<td>Lecture</td>
<td>LH</td>
<td>2.00</td>
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<tr>
<td>Ax: Body Systems and Medical Implications</td>
<td>Large Group Tutorial</td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Surgical Procedures-Children</td>
<td>Lecture</td>
<td>Mfer</td>
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<td>Lecture</td>
<td>LH</td>
<td>1.00</td>
</tr>
<tr>
<td>Pre Hab</td>
<td>Lecture</td>
<td>LH</td>
<td>1.00</td>
</tr>
<tr>
<td>Ax: Systems Review</td>
<td>Split Group Lab</td>
<td>GH, LH, AS</td>
<td>3.00</td>
</tr>
<tr>
<td>Ax: Functional Status: Bed Mobility</td>
<td>Split Group Lab</td>
<td>GH, JLP, BLS</td>
<td>2.00</td>
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<tr>
<td>Bariatric Care</td>
<td>Lecture</td>
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<tr>
<td>Ax: Functional Status: Transfers</td>
<td>Split Group Lab</td>
<td>LH, MW</td>
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<tr>
<td>Ax: Case Studies I</td>
<td>Large Group Tutorial</td>
<td>TBD</td>
<td>2.00</td>
</tr>
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<td>Ax: Systems Review &amp; Functional Status</td>
<td>Review Lab</td>
<td>GH, LH</td>
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<tr>
<td>Ax: Systems Review &amp; Functional Status</td>
<td>Clinical Skills Assessment</td>
<td>GH, LH, MW, BLS, JLP</td>
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<td>Tx: Preventing Complications</td>
<td>Split Group Lab</td>
<td>LH, GH, AS</td>
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<td>Tx: Restoring Function I: Gait Aids</td>
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<td>Exam #1</td>
<td>Exam Assessment</td>
<td>LH, TBD</td>
<td>2.00</td>
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</table>
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</th>
<th>Content</th>
<th>Course value</th>
<th>Duration (hrs)</th>
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<tr>
<td>Written Assessment 1: Short answer/MCQ, content to be examined encompasses material from “Role of PT in Hospital Care” up to and including “Case Studies 1”.</td>
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<td>Written Assessment 2: Short answer/MCQ, content to be examined encompasses material from “Overview of Treatment” up to and including “Ax/Tx: Swelling”.</td>
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<tr>
<td>Chart note Assessment: Individual marks</td>
<td>10%</td>
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</table>

<table>
<thead>
<tr>
<th>Clinical Skills Component</th>
<th>Content</th>
<th>Course value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Skills Assessment 1: Physical Therapy Assessment: Systems Review and Functional status</td>
<td>Pass / Fail</td>
<td>.75</td>
<td></td>
</tr>
<tr>
<td>Clinical Skills Assessment 2: Physical Therapy Treatment: Preventing Precautions, Restoring Function.</td>
<td>Pass / Fail</td>
<td>.75</td>
<td></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/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 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 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: Brian MacNeil, Brian.MacNeil@umanitoba.ca
Dean Kriellaars, Dean.Kriellaars@umanitoba.ca
Barb Shay, Barbara.Shay@umanitoba.ca
Tony Szturm, Tony.Szturm@umanitoba.ca
Ruth Barclay, Ruth.Barclay@umanitoba.ca
Maureen Walker, Maureen.Walker@umanitoba.ca
Joanne Parsons, Joanne.Parsons@umanitoba.ca
Sandra Webber, Sandra.Webber@umanitoba.ca
Liz Harvey, Elizabeth.Harvey@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

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. Describe the neurological processes underlying volitional movement and somatosensory function.
7. Summarize the integrated responses of skeletal muscle and the major physiological systems during physical activity.
8. Distinguish the responses of the major physiological systems to an increase or decrease in physical activity.
9. Demonstrate an understanding of, and apply, the biomechanical principles to assessment of human motion including the characteristics of the normal human gait cycle.
10. Distinguish between normal nociceptive processes and various pain states including hyperalgesia, allodynia, inflammatory pain and neuropathic pain.
11. Understand the rational behind and explain the physical activity and sedentary behaviour guidelines for healthy adults, children and older adults.
12. Determine the need for and implement appropriate medical screening and pre physical activity evaluations.
13. Understand and apply the principles of aerobic, flexibility, resistance, balance and multi component physical activity prescription.
14. Modify programming for children, older adults, pregnancy, hypertension and dyslipidemia.
15. 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

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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

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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  Email: Student_accessibility@umanitoba.ca
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>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Hours</th>
</tr>
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<tr>
<td>Course Introduction</td>
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<td>Neuron/Muscle Structure &amp; Function</td>
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<td>Exercise Physiology I</td>
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<td>BMac</td>
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<td>Exercise Physiology II</td>
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<tr>
<td>Exercise Physiology III</td>
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<td>Visual/Vestibular Systems &amp; Gaze Control</td>
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<td>Biomechanics I</td>
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<td>Large Group Tutorial</td>
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<td>Spinal Cord &amp; Reflex Action</td>
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<td>Balance Control</td>
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<td>Motor Learning</td>
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<td>RB</td>
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<td>Intro to Exercise Prescription</td>
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<td>MW</td>
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<td>Pre Participation Screening</td>
<td>Lecture</td>
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<td>Aerobic Exercise II</td>
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<tr>
<td>Aerobic Exercise III</td>
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<td>BSch, SW</td>
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<td>Lecture</td>
<td>MW</td>
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<tr>
<td>Promotion of Physical Activity</td>
<td>Lecture</td>
<td>MW</td>
<td>2</td>
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<tr>
<td>Program Planning</td>
<td>Lecture</td>
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<td>SC Lab</td>
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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”.

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<th>Duration</th>
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<tr>
<td>Exam #1: All content up to and including Motor Learning</td>
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<tr>
<td>Exam #2: All content following Motor Learning</td>
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<tr>
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<table>
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<th>Clinical Skill components</th>
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<td>Resistance Training I/II &amp; Balance</td>
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<td>0.75</td>
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*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.
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 [link] 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 [link].

- 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 [link]. 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 to conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment [link]

  Student Discipline [link] and,

  Violent or Threatening Behaviour [link]

- 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: [link]. More information and resources can be found by reviewing the Sexual Assault site [link].
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
University of Manitoba  
College of Rehabilitation Sciences  
Department of Physical Therapy  
Fall 2019

# COURSE DETAILS

<table>
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<tr>
<th>Course Title &amp; Number:</th>
<th>PT 6140 Neuromusculoskeletal Anatomy for Physical Therapy</th>
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<td>Pre-Requisites:</td>
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## 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 email 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>
</tbody>
</table>

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.
Teaching Team (alphabetical order):
- Grieg Blamey, GG549, General Hospital, HSC, 204-787-1331, gblamey@hsca.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@nymts.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:
1. Use oral and nonverbal communication effectively with 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. Use an evidence-informed approach in practice through application of the conceptual framework for clinical practice;
7. Name the bones and their landmarks, and identify them on skeletons, cadavers and lab partners;
8. Name and classify the major joints by structural type and relate their influence on movement to the functional requirements of the body;
9. Name and locate the major ligaments and identify their role in provision of support and limitation of movement;
10. Name the muscles, identify their attachments and innervations, and classify them by their action and function;
11. 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;
12. Describe and locate the major vessels, and identify the pulse points on the limbs;
13. Locate palpable structures on a live subject, and provide correct instructions to the subject to activate specific muscles;
14. Synthesize knowledge of bones, joints and muscle groups to explain the generation of functional movement;
15. 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;
16. 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

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 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/
Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)
Phone: 204 474 7423 Email: Student_accessibility@umanitoba.ca
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<tr>
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<tr>
<td>Vertebral Column</td>
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<tr>
<td>Head &amp; Neck</td>
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<td>Vertebral Column, Head &amp; Neck</td>
<td>Gross Lab</td>
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<td>Shoulder Girdle &amp; Arm I</td>
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<td>MM, MG</td>
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<tr>
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<td>Interaction</td>
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<tr>
<td>Living Anatomy II: Upper Quadrant</td>
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<tr>
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<tr>
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<tr>
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<tr>
<td>Anterior &amp; Posterior Thigh &amp; Knee</td>
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<tr>
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<td>RH</td>
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<td>Leg &amp; Foot</td>
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<td>Lecture</td>
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<td>Lecture</td>
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<td>Exam Assessment</td>
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**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 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”.

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<th>Course Value</th>
<th>Duration</th>
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<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>
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<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>
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<td>Pass/Fail</td>
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<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](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: [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 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:
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 6221 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 1

Number of Credit Hours: 6

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: N/A, Integrated content from 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 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:

1) REQUIRED TEXTBOOKS / READINGS:

2) 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:
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 appropriate 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/](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](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

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<td>Ax: Observation</td>
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<td>Topic</td>
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<td>Instructor(s)</td>
<td>Contact Time</td>
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<td>Tx: U/Q Therapeutic Ex IV: Resistance II</td>
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<td>MW, LH</td>
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<td>Instructor(s)</td>
<td>Contact Time</td>
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<td>Interaction</td>
<td>Grp(s)</td>
<td>Instructor(s)</td>
<td>Contact Time</td>
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**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.*”

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>
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<tbody>
<tr>
<td>Exam #1: MCQ and short answer format. Exam outline will be posted 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>34%</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>Exam #2: MCQ and short answer format. Exam outline will be posted 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>34%</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>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), &amp; U/Q Treatment tutorials (9) (~17.5 contact hours)</td>
<td>32%</td>
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**Written Assessment Total**

100%

<table>
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<tr>
<th>Clinical Skill components</th>
<th>Course Value</th>
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<tr>
<td>U/Q Ax Step 5: Cervical Scan, Shoulder Girdle Ax I/II</td>
<td>Pass/Fail</td>
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<tr>
<td>U/Q Ax Step 5: Elbow Ax I/II, Wrist/Hand Ax I/II</td>
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<td>0.75 hours</td>
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<td>U/Q Ax Step 5: Cervical Ax I-IV &amp; T/S</td>
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<td>U/Q Tx Clinical Skills Ax: Therapeutic Ex I - III</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
</tr>
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<td>U/Q Tx Clinical Skills Ax: Manual Therapy; mobilization and massage</td>
<td>Pass/Fail</td>
<td>0.75 hours</td>
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</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](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/ 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 6224 Clinical Skills for Physical Therapy in Neuromusculoskeletal Conditions 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credit Hours:</td>
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<tr>
<td>Class Times &amp; Days of Week:</td>
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<td>Location for classes/labs/tutorials:</td>
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<tr>
<td>Pre-Requisites:</td>
<td>N/A, Integrated content from PT 6221, PT6130, PT6140 and PT6230 is essential</td>
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## 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>
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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:

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 lower quadrant
8. Establishing a diagnosis & prognosis for lower quadrant NMSK indicator conditions across the lifespan using a client centered approach
9. Develop, implement, monitor & evaluate an intervention plan for the lower quadrant using a client centered approach
10. Contribute to effective teamwork, and to the learning of others
11. Use communication tools for clients with NMSK conditions
12. 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:

1) REQUIRED TEXTBOOKS / READINGS:

2) 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](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 appropriate 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/](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 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>Topic</th>
<th>Interaction</th>
<th>Grp(s)</th>
<th>Instructor(s)</th>
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<td>Tx: L/Q Therapeutic Ex II; Flexibility</td>
<td>Split Group Lab</td>
<td>2</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: L/Q</td>
<td>Prep Tutorial</td>
<td></td>
<td>MM</td>
<td>0.50</td>
</tr>
<tr>
<td>Ax: L/Q</td>
<td>Large Group Tutorial</td>
<td></td>
<td>MM</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S4 Lab</td>
<td>1</td>
<td>MM, EL</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S4 Lab</td>
<td>2</td>
<td>MM, EL</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex III; Resistance</td>
<td>Split Group Lab</td>
<td>1</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex III; Resistance</td>
<td>Split Group Lab</td>
<td>2</td>
<td>MW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex IV; Resistance &amp; Functional Training</td>
<td>Split Group Lab</td>
<td>2</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex IV; Resistance &amp; Functional Training</td>
<td>Split Group Lab</td>
<td>1</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S5 Assessment</td>
<td>2</td>
<td>MM, MW, LH, RL, EL</td>
<td>0.75</td>
</tr>
<tr>
<td>Ax: Foot/Ankle Ax I &amp; II</td>
<td>S5 Assessment</td>
<td>1</td>
<td>MM, MW, LH, RL, EL</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: L/Q Manual Therapy: Mobilizations</td>
<td>Large Group Lab</td>
<td></td>
<td>MM, JC, EL, TW</td>
<td>3.00</td>
</tr>
<tr>
<td>Topic</td>
<td>Interaction</td>
<td>Grp(s)</td>
<td>Instructor(s)</td>
<td>Contact Time</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------------</td>
<td>--------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Review Lab</td>
<td>1</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Review Lab</td>
<td>2</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: Supportive Devices: L/Q I (Taping)</td>
<td>Large Group Lab</td>
<td></td>
<td>MM, RH, LH</td>
<td>3.00</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Clinical Skills Assessment</td>
<td>2</td>
<td>MW, MM, LH, JLP, SW</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: L/Q Therapeutic Ex I-IV</td>
<td>Clinical Skills Assessment</td>
<td>1</td>
<td>MW, MM, LH, JLP, SW</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: L/Q Tx I</td>
<td>Large Group Tutorial</td>
<td></td>
<td>MW, MM, LH</td>
<td>3.00</td>
</tr>
<tr>
<td>Functional Training</td>
<td>Split Group Lab</td>
<td>2</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Functional Training</td>
<td>Split Group Lab</td>
<td>1</td>
<td>MW, JLP</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: Supportive Devices: L/Q II (Bracing/Footwear)</td>
<td>Large Group Lab</td>
<td></td>
<td>MM, RH, LH</td>
<td>3.00</td>
</tr>
<tr>
<td>Tx: L/Q Tx II</td>
<td>Large Group Tutorial</td>
<td></td>
<td>MW, MM, LH</td>
<td>3.00</td>
</tr>
<tr>
<td>Tx: L/Q Tx III</td>
<td>Large Group Tutorial</td>
<td></td>
<td>MW, MM, LH</td>
<td>3.00</td>
</tr>
<tr>
<td>Tx: Manual Therapy: Therapeutic Massage</td>
<td>Large Group Lab</td>
<td></td>
<td>KD, MW, MM, LH, TK, MG</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>1</td>
<td>MM, JC</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: Manual Therapy</td>
<td>Review Lab</td>
<td>2</td>
<td>MM, JC</td>
<td>2.00</td>
</tr>
<tr>
<td>Tx: Manual Therapy</td>
<td>Clinical Skills Assessment</td>
<td>2</td>
<td>MM, MW, JC, EL, LH</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: Manual Therapy</td>
<td>Clinical Skills Assessment</td>
<td>1</td>
<td>MM, MW, JC, EL, LH</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: LS &amp; L/E</td>
<td>SC Lab</td>
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<td>MM, MW, JC, EL, TW, LH</td>
<td>2.00</td>
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<tr>
<td>Tx: LS &amp; L/E</td>
<td>SC Lab</td>
<td>1</td>
<td>MM, MW, JC, EL, TW, LH</td>
<td>2.00</td>
</tr>
<tr>
<td>Exam #2</td>
<td>Exam Assessment</td>
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<td>MW, MM</td>
<td>2.00</td>
</tr>
<tr>
<td>Out Patient</td>
<td>Site Visit</td>
<td>2</td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td>Out Patient</td>
<td>Site Visit</td>
<td>1</td>
<td></td>
<td>3.00</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. “

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

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>Exam #1: MCQ and short answer format</td>
<td>50%</td>
<td>2 hours</td>
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<tr>
<td>Approximate Topics: Gait (7), Intro to the L/S Scan (2), Intro to the L/S (1.5),</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&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></td>
<td></td>
</tr>
<tr>
<td>Exam #2: MCQ and short answer format</td>
<td>50%</td>
<td>2 hours</td>
</tr>
<tr>
<td>Approximate Topics: Intro to the Foot &amp; Ankle (2), Dynamic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>stabilization and motor control &amp; L/Q Treatment tutorials, other (13 contact hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Written Assessment Total</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

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

1) Textbooks
      • On Physiotherapy Competency Exam (PCE) Key Reference list; also used in PT6124, PT7122, PT7230
      • Also used in PT6124, 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/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

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 1 General Information and then MPT 1 Timetable.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
</tr>
<tr>
<td>Soft Tissue Injury &amp; Repair</td>
<td>Lecture</td>
</tr>
<tr>
<td>Fracture &amp; Joint Injuries</td>
<td>Lecture</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>Lecture</td>
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<tr>
<td>Diagnostic Imaging</td>
<td>Lecture</td>
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<tr>
<td>Pediatric Orthopedic Conditions I: U/Q</td>
<td>Lecture</td>
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<tr>
<td>Shoulder</td>
<td>Lecture</td>
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<td>Medication Databases</td>
<td>Self-Study Tutorial</td>
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<td>Elbow</td>
<td>Lecture</td>
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<tr>
<td>Peripheral Neuropathy</td>
<td>Lecture</td>
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<tr>
<td>Wrist &amp; Hand</td>
<td>Lecture</td>
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<tr>
<td>Pediatric Orthopedic Conditions II: Spinal</td>
<td>Lecture</td>
</tr>
<tr>
<td>Cervical Spine</td>
<td>Lecture</td>
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<tr>
<td>Exam #1</td>
<td>Exam Assessment</td>
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<td>Tx: EPA &amp; Thermal Agents</td>
<td>Self-Study Tutorial</td>
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<td>Concussions</td>
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<tr>
<td>Tx: Thermal &amp; Mechanical Agents</td>
<td>Self-Study Tutorial</td>
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<tr>
<td>T/S and Abdomen</td>
<td>Lecture</td>
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<td>Tx: Photo Agents</td>
<td>Self-Study Tutorial</td>
</tr>
<tr>
<td>Tx: Electrical Agents</td>
<td>Self-Study Tutorial</td>
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<tr>
<td>Tx: Hydrotherapy</td>
<td>Self-Study Tutorial</td>
</tr>
<tr>
<td>Tx: Mechanical Traction</td>
<td>Self-Study Tutorial</td>
</tr>
<tr>
<td>Tx: EPA Review</td>
<td>Large Group Tutorial</td>
</tr>
<tr>
<td>L/S &amp; Pelvis</td>
<td>Lecture</td>
</tr>
<tr>
<td>Tx: Hydrotherapy &amp; Photo Agents</td>
<td>Site Visit</td>
</tr>
<tr>
<td>Tx: Hydrotherapy &amp; Photo Agents</td>
<td>Small Group Tutorial</td>
</tr>
<tr>
<td>Exam #2</td>
<td>Exam Assessment</td>
</tr>
<tr>
<td>Hip</td>
<td>Lecture</td>
</tr>
<tr>
<td>Oncology</td>
<td>Lecture</td>
</tr>
<tr>
<td>Oncology</td>
<td>Model Patient Lab</td>
</tr>
<tr>
<td>Chronic Disease Management</td>
<td>Lecture</td>
</tr>
<tr>
<td>Mental Health</td>
<td>Lecture</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: 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><strong>Formative Learning via UMLearn quizzes:</strong></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 <strong>process</strong> 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><strong>Written Assessment 1:</strong> Short answer/MCQ</td>
<td>22.5%</td>
<td>mid Oct</td>
<td>2</td>
</tr>
<tr>
<td><strong>Written Assessment 2:</strong> Short answer/MCQ</td>
<td>22.5%</td>
<td>Dec</td>
<td>2</td>
</tr>
<tr>
<td><strong>Written Assessment 3:</strong> Short answer/MCQ</td>
<td>22.5%</td>
<td>mid-late Jan</td>
<td>2</td>
</tr>
<tr>
<td><strong>Written Assessment 4:</strong> Short answer/MCQ</td>
<td>22.5%</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/. 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](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 6250 Integrated Practice for Neuromusculoskeletal Conditions</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>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>Coordinator Name:</th>
<th>Liz Harvey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Liz</td>
</tr>
<tr>
<td>Office Location:</td>
<td>R034, 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, 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>204-977-5656</td>
</tr>
<tr>
<td>Email:</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, rhoral@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

1. **REQUIRED TEXTBOOKS / READINGS:**

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

3. **RECOMMENDED EQUIPMENT**
   a. Laptop

4. **RECOMMENDED TEXTBOOK (Neil John McLean 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 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), 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 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, 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>Topic</th>
<th>Type of Interaction</th>
<th>Instructor(s)</th>
<th>Contact Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
<td>LH</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial I: Peds I</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial I: Peds I</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial I: Peds I</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial II: Osteoporosis</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial II: Osteoporosis</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial II: Osteoporosis</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial III: Oncology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial III: Oncology</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial III: Oncology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial IV: Rheumatology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial IV: Rheumatology</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial IV: Rheumatology</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial VI: Degenerative Disease</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial VI: Degenerative Disease</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VI: Degenerative Disease</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial V: Chronic Pain</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>------------------------</td>
<td>--------------</td>
<td>------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Tutorial V: Chronic Pain</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial V: Chronic Pain</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VII: Older Adult</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>1 hr</td>
</tr>
<tr>
<td>Tutorial VII: Older Adult</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VII: Older Adult</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VIII: Peds II</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</td>
</tr>
<tr>
<td>Indicator Conditions</td>
<td>Group Presentations Assessment</td>
<td>LH, SW</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VIII: Peds II</td>
<td>Prep Tutorial</td>
<td></td>
<td>2 hr</td>
</tr>
<tr>
<td>Indicator Conditions</td>
<td>Group Presentations Assessment</td>
<td>LH, SW</td>
<td>2 hr</td>
</tr>
<tr>
<td>Tutorial VIII: Peds II</td>
<td>PBL Tutorial</td>
<td>LH, MW, MG, RH, BT, TBD</td>
<td>2 hr</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>Health condition:</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>Tutorial Leader Assessment</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>
<tr>
<td>Group Components</td>
<td>Course Value</td>
<td>Duration</td>
</tr>
<tr>
<td>Group Case Presentations</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.
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 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.

**Plagiarism and cheating:**

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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**

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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).

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

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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](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/](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**

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Section (d): Online University and Unit policies, procedures, and supplemental information
Your rights and responsibilities
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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](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

Course Title & Number: PT 6260 Physical Therapy Practice and Professional Issues 1

Number of Credit Hours: 3

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: N/A

Course Coordinator Contact Information

Coordinator Name: Dr. Moni Fricke

Preferred Form of Address: Moni

Office Location: R030 Rehabilitation Bldg, College of Rehabilitation Sciences

Office Hours or Availability: Make an appointment by phone or email (preferred)

Office Phone No. (204) 789-3814

Email: Moni.Fricke@umanitoba.ca
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
Sandra Webber (SW) RR311 Rehab Hospital, Sandra.Webber@umanitoba.ca
Terry Woodard (TW) terryjwoodard@hotmail.com
Adrian Salonga, Health Sciences Centre, asalonga@hsc.mb.ca

Guest Lecturers: Career Services
Allison Watts, Rehab Assistant Program, MB Inst of Trades & Technology

Course Description
Through lecture and tutorial sessions, students will address various professional topics to develop their knowledge concerning of 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:
1. Act with professional and academic integrity, behaving ethically, with honesty and respect for others;
2. Integrate self-reflection and external feedback to improve personal practice;
3. Use oral and non-verbal communication effectively, including contributing to conflict resolution where it arises;
4. Contribute to effective teamwork and to the learning of others;
5. Use an evidence-informed approach in practice;
6. Apply legal and regulatory requirements to physiotherapy practice;
7. Contribute to effective teamwork and to the learning of others, while facilitating collaborative relationships;
8. Demonstrate awareness of the social determinants of health and emerging trends that may impact physiotherapy practice;
9. Discuss the role of personnel involved in physiotherapy service delivery and the impact on assigning care;
10. Apply an ethical framework to guide decision-making in a variety of professional cases;
11. Advocate for accessibility and sustainability of physiotherapy across the continuum of care through the application of community needs assessments;
12. Balance personal and professional demands;
13. Champion the health needs of clients, advocating for accessibility and sustainability of physiotherapy and other services across the continuum of care;
14. Develop theoretically-based communication approaches for supporting behavioural change, motivation of client, and having difficult conversations;
15. 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_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

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/
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.

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<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor</th>
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<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, SW, JP, TK, TBA</td>
</tr>
<tr>
<td>Delegation of Function</td>
<td>Interprofessional Education</td>
<td>MFr, BLS, LH, JLP, MG, JB, AW, MM, TBA</td>
</tr>
<tr>
<td><strong>Note: this session will be held at MITT on Pembina Hwy</strong></td>
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<tr>
<td>Population Health Promotion</td>
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<td>MFr</td>
</tr>
<tr>
<td>Ethical Framework</td>
<td>Lecture</td>
<td>MFr</td>
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<tr>
<td>Boundary Issues</td>
<td>Lecture followed by small group Tutorial</td>
<td>MFr, AS, SW, KD, MG, TBA</td>
</tr>
<tr>
<td>Harm Reduction</td>
<td>Lecture</td>
<td>MFr</td>
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<tr>
<td>Difficult Conversations</td>
<td>Lab</td>
<td>MFr, BLS, SW, DBD, TBA</td>
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<tr>
<td>Motivational Interviewing I, II, &amp; III</td>
<td>Lecture</td>
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<td>Marketing Self</td>
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<td>Career Services</td>
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<tr>
<td>Professional Issues</td>
<td>Small Group Tutorial</td>
<td>MFr, AS, SW, MG, TBA, TBA</td>
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<tr>
<td>Interprofessional Bioethics</td>
<td>Interprofessional Education</td>
<td>MFr, LJ, MP, SB</td>
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<tr>
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<td>Large Group Tutorial</td>
<td>TW</td>
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<tr>
<td>Health Education &amp; Counselling</td>
<td>Lab</td>
<td>TK, MFr, LH, JLP, TBA</td>
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</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.

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

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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

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**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.

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**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), 520 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;

### 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>Curriculum overview &amp; document signing</td>
<td>Orientation</td>
<td>MG</td>
<td>0.5</td>
</tr>
<tr>
<td>Immunizations</td>
<td>Orientation</td>
<td>WL, MG</td>
<td>2.0</td>
</tr>
<tr>
<td>CPM Orientation</td>
<td>Orientation</td>
<td>MG</td>
<td>1.0</td>
</tr>
<tr>
<td>Routine practices (mandatory)</td>
<td>Lecture &amp; Lab</td>
<td>MG</td>
<td>3.0</td>
</tr>
<tr>
<td>PHIA (no late admittance)</td>
<td>Lecture</td>
<td>MG, KM</td>
<td>1.5</td>
</tr>
<tr>
<td>Social media</td>
<td>Lecture</td>
<td>MG, KM</td>
<td>1.0</td>
</tr>
<tr>
<td>Clinical placement allocation</td>
<td>Lecture</td>
<td>MG</td>
<td>1.0</td>
</tr>
<tr>
<td>Mask fit testing</td>
<td>Practical</td>
<td>MG</td>
<td>0.5</td>
</tr>
<tr>
<td>OSCE (S6) Preparation</td>
<td>Orientation</td>
<td>MM</td>
<td>1.0</td>
</tr>
<tr>
<td>Clinical placement preparation</td>
<td>Lecture</td>
<td>MG</td>
<td>2.0</td>
</tr>
<tr>
<td>Integrated Clinical Skills Ax</td>
<td>Assessment: S6</td>
<td>MG</td>
<td>1.0</td>
</tr>
<tr>
<td>NMSK Clinical Placement Rotation 1 (April 06-May 15, 2020)</td>
<td>Clinical Placement</td>
<td>CI</td>
<td>225.0 (6 weeks F/T) (\text{NB: Students complete only one placement for this course, and it is scheduled in one of these two placement slots})</td>
</tr>
<tr>
<td>NMSK Clinical Placement Rotation 2 (May 19-June 26, 2020)</td>
<td>Clinical Placement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placement Reflection &amp; Academic Integration Session (NMSK PRAIS)</td>
<td>Debrief</td>
<td>MG, LH, MFr, MM</td>
<td>2.0</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
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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 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;
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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;
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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.

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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 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**

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Address: S211 Medical Services Bldg. (Bannatyne Campus), 520 University Centre (Fort Garry Campus)

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<th>Interaction</th>
<th>Instructor(s)</th>
<th>Total hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMSK Clinical Placement Rotation 2</td>
<td>Clinical</td>
<td>225 hrs (6 weeks)</td>
<td>Students complete only one placement, which is scheduled in one of these three placement slots.</td>
</tr>
<tr>
<td>(May 19-June 26, 2020)</td>
<td>Placement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMSK Clinical Placement Rotation 3</td>
<td>Clinical</td>
<td>225 hrs (6 weeks)</td>
<td></td>
</tr>
<tr>
<td>(June 22-July 31, 2020)</td>
<td>Placement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMSK Clinical Placement Rotation 4</td>
<td>Clinical</td>
<td>225 hrs (part-time over 9 weeks)</td>
<td>NB: Rotation 4 is for the faculty-led football placement only</td>
</tr>
<tr>
<td>(NB: football only) (July 20-September 18, 2020)</td>
<td>Placement</td>
<td></td>
<td></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:

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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/1tU0bB4. 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 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:
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. Identify and explain the key aspects of research ethics.
7. 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.
8. 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:

   This is available as an electronic textbook and the individual chapter may be downloaded as a stand-alone PDF.
   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>Assignment</th>
<th>Due Date</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Course on Research Ethics (CORE-2)</td>
<td>Aug 10, 2020</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>2. Quantitative Research Methods</td>
<td>Aug 10, 2020</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>3. Qualitative Research Methods</td>
<td>Aug 10, 2020</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 three individual assignments by the due date. All assignments must be completed to receive a Pass for 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 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:
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520 University Centre

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Katie.Kutryk@umanitoba.ca

469 University Centre, (204) 295-9032

Live Well @ UofM

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• 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.

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