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 FOR MPT2 ACADEMIC YEAR

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University of Manitoba
College of Rehabilitation Sciences
Department of Physical Therapy
Winter 2020

COURSE DETAILS

Course Title & Number: PT 7121 Clinical Skills for Physical Therapy in Neurological Condition
Number of Credit Hours: 5

Class Times & Days of Week: variable

Location for classes/labs/tutorials: variable

Pre-Requisites: Completed first year of MPT1

Course Coordinator Contact Information

Instructor(s) Name & Preferred Form of Address: Rebecca Schorr Becky
Office Location: R032

Office Hours or Availability: Please contact me via email at to set up a time to meet
Office Phone No. 204 789-3432

Email: rebecca.schorr@umanitoba.ca
Note: All email communication must conform to the Communicating with Students university policy.
Teaching Team

Sarah Conci (Clinician, Health Sciences Centre), Sarah.Conci@umanitoba.ca
Ruth Barclay, RR323A, Ruth.Barclay@umanitoba.ca
Melanie Fernandes, R116, Melanie.Fernandes@umanitoba.ca
Bram Kok, (Orthotist, Winnipeg Prosthetics and Orthotics) bram@winnipegpando.com
Ed Giesbrecht, R214, Ed.Giesbrecht@umanitoba.ca
Natalie Swain (Clinician, St. Amant Centre)
Rudy Niebuhr (Clinician, Health Sciences Centre), rniebuhr@exchange.hsc.mb.ca
Other lab instructors - TBA

Course Description

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

General Course Information

This course involves lecture, lab and tutorial work; students are expected to prepare for each activity by completing the required readings. Clinical skills labs and tutorials will consolidate theoretical knowledge learned in lectures. Clinical skills are taught in laboratories by faculty, clinicians or peer coaches. Labs will incorporate practice with peers, standardized clients and model patients.

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. Ensure a safe practice environment
6. Use an evidence-informed approach in practice; apply the “Conceptual Framework for Clinical Practice” with a neurological population
7. Understand the typical progressions of motor milestones in infancy and childhood
8. Conduct assessments for clients with neurological conditions across the lifespan including:
   • Functional activities
   • Gait
   • Motor control
   • Voluntary / non-voluntary movement
   • Strength
   • Tone
   • Coordination of movement
   • Postural control / balance
   • Sensation / perception
9. Establish a diagnosis and prognosis for physiotherapy care relevant to the neurological population based on:
   - Knowledge of client’s pathology and its clinical manifestations
   - Client’s presentation
   - Client’s goals
   - Client’s environment
   - Environment in which the therapist is working

10. Develop, implement, monitor and evaluate an intervention plan for clients with a neurological condition

11. Apply principles of motor control and motor learning to formulate and implement a safe and effective treatment plans

12. Explain the principles of exercise prescription and the rationale for selecting specific exercises/activities for the purposes of health and fitness promotion for individuals with neurological conditions

13. Determine a discharge plan for the client to return to work, sports or other activities of daily living for neurological conditions across the lifespan

14. Employ a client centered approach

15. Ensure client physical and emotional safety

16. Promote an integrated approach to client services

17. Facilitate collaborative relationship by recognizing the roles of others in the care of client with a neurological condition

Textbook, Readings, and Course Materials

Required textbook

UM Learn (learning system-electronic assess)
1. Course syllabus
2. Assigned readings
3. Lab documents
4. Assignment and evaluation rubrics
5. Lab group lists and schedules

Supplementary readings
2. Chedoke McMaster Stroke Assessment CD – information will be provided at first class.

Using Copyrighted Material
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Course Technology
We will be using the UM Learn platform to post all information, PowerPoint presentations etc. for this course. Students will also upload assignments to UMLearn to be graded. For instructions to gain access to UMLearn see the following site: http://umanitoba.ca/computing/ist/service_catalogue/access/accounts/2513.html. Online support for http://intranet.umanitoba.ca/academic_support/catl/resources/359.html.

Expectations: I Expect You To
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 course coordinator ahead of time to discuss the reason for the absence. Students are expected to read the pre-assigned materials before class and come prepared to engage in discussion.

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.

Academic Integrity: 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 relevant graphics.

You are reminded that 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.

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 instructor. Course materials (both paper and digital) are for the participant’s private study and research.

Student Accessibility Services:
The University of Manitoba is committed to providing an accessible academic community. Students Accessibility Services (SAS) offers 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
520 University Centre
Phone: (204) 474-7423
Email: Student_accessibility@umanitoba.ca
Expectations: 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

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.

CLASS SCHEDULE

This schedule is subject to change at the discretion of the instructor and/or based on the learning needs of the students but such changes are subject to Section 2.8 of ROASS.

For the most updated course schedule and content: Go to https://universityofmanitoba.desire2learn.com, log on using your UM NetID, and choose PT 7121 Clinical Skills for Physical Therapy in Neurological Conditions.

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<td>Lab</td>
<td>Grp 2</td>
<td>2</td>
</tr>
<tr>
<td>Patient II</td>
<td>Lab</td>
<td>Grp 1</td>
<td>2</td>
</tr>
<tr>
<td>Tx: Upper Extremity</td>
<td>Assessment: S5</td>
<td>Grp 1</td>
<td>0.75</td>
</tr>
<tr>
<td>Tx: Upper Extremity</td>
<td>Assessment: S5</td>
<td>Grp 2</td>
<td>0.75</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Assessment: Exam</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>OSCE Review lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COURSE EVALUATIONS**

A minimum grade of “C+” (65-69%) is required to pass this course. This course will be evaluated with a variety of methods: Step 5 assessments, written lab assignments and written assessments. **Students must the written assessments and receive a “satisfactory” rating for all formative clinical skills assessments of the course.**
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 Assessment</th>
<th>Course value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Assignment:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The full Neurological Assessment (group mark)</td>
<td>12.5%</td>
<td></td>
</tr>
<tr>
<td>Parkinson’s Disease (individual mark)</td>
<td>12.5%</td>
<td></td>
</tr>
<tr>
<td>Treatment Plan</td>
<td>P/F</td>
<td></td>
</tr>
<tr>
<td>Quiz 1: Short answer/MCQ</td>
<td>25%</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Quiz 2: Short answer/MCQ</td>
<td>25%</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Quiz 3: Short answer/ MCQ</td>
<td>25%</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Clinical Skill Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S5 –Assessment of Motor Function Balance &amp; Postural Control</td>
<td>P/F</td>
<td>0.75 hrs</td>
</tr>
<tr>
<td>S5 –Treatment of GMF, Balance and Gait</td>
<td>P/F</td>
<td>0.75 hrs</td>
</tr>
<tr>
<td>S5 –Treatment of Upper Extremity</td>
<td>P/F</td>
<td>0.75 hrs</td>
</tr>
</tbody>
</table>

**Voluntary Withdrawal**

Withdrawal courses will be recorded on official transcript. Please refer to the Registrar’s Office web page for more information.

**ASSIGNMENT DESCRIPTIONS**

A detailed description of the assignment requirements including rubrics, will be found under “Assessment” in UM Learn.

**Referencing Style:**

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.

**Assignment Feedback**

Assignments will be graded within 1-2 weeks of being submitted.
Assignment Extension and Late Submission Policy
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.

UNIVERSITY SUPPORT OFFICES & POLICIES
Schedule “A”

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 205 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)

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)

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)

Your rights and responsibilities

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

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

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

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

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

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


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

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

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

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

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties/](http://umanitoba.ca/faculties/)

Contact an **Academic Advisor** within our faculty/college or school for questions about your academic program and regulations [http://umanitoba.ca/academic-advisors/](http://umanitoba.ca/academic-advisors/)

**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/](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 7124 Clinical Skills for Physical Therapy in Cardiorespiratory Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credit Hours:</td>
<td>5</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>All MPT 1 courses</td>
</tr>
</tbody>
</table>

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## Course Coordinator Contact Information

<table>
<thead>
<tr>
<th>Instructor Name:</th>
<th>Greg Hodges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Greg</td>
</tr>
<tr>
<td>Office Location:</td>
<td>R116 Rehabilitation Bldg.</td>
</tr>
<tr>
<td>Office Hours/Availability:</td>
<td>It is best to e-mail me to set up an appointment at my office do discuss your questions or concerns. Over lunch hour is typically the best time to meet.</td>
</tr>
<tr>
<td>Office Phone Number:</td>
<td>204-787-2389</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:ghodges@hsc.mb.ca">ghodges@hsc.mb.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:
Greg Hodges, Physiotherapy Clinical Advisor, HSC, ghodges@hsc.mb.ca
Melanie Fernandes, R116, Rehab Bldg., Melanie.Fernandes@umanitoba.ca
Sandra Webber, RR311 Rehab Hosp., Sandra.Webber@umanitoba.ca
Kelly Codispodi, Physiotherapist, SBGH
Nancy Ryan-Arbez, R133 Rehab Bldg., Nancy.Ryan-Arbez@umanitoba.ca
Moni Fricke, R020 Rehab Bldg., Moni.Fricke@umanitoba.ca

Lab Instructors:
Greg Hodges, R116, Rehab Bldg., ghodges@hsc.mb.ca
Melanie Fernandes, R116, Rehab Bldg., Melanie.Fernandes@umanitoba.ca
Mark Garrett, R114, Rehab Bldg., Mark.Garrett@umanitoba.ca
Becky Schorr, R032 Rehab Bldg., Rebecca.Schorr@umanitoba.ca
Sandra Webber, RR311 Rehab Hosp., Sandra.Webber@umanitoba.ca
Alison Pagsuyuin, RR331 Rehab Bldg., Alison.Pagsuyuin@umanitoba.ca
Halyna Boguski, Physiotherapist, HSC
Dana Kliewer, Physiotherapist, DLC
Robyn Miles, Physiotherapist, HSC
Cyndi Otfinowski, Physiotherapist, SBGH
Kelly Codispodi, Physiotherapist, SBGH
Sarah Rapko, Physiotherapist, SBGH
Nancy Ryan-Arbez, R133 Rehab Bldg., Nancy.Ryan-Arbez@umanitoba.ca

Course Description
Through lecture, tutorial and laboratory sessions, students apply physical therapy assessment, diagnostic and treatment skills for cardiorespiratory conditions across the lifespan.

General Course Information
This course prepares the student to provide safe and effective physiotherapy care in the medical/surgical wards, critical care including step down and intensive care units and community rehabilitation settings for patients with cardiovascular pulmonary conditions which affects their ventilation, airway clearance, mobility and quality of life. This course involves lecture, lab and tutorial work; students are expected to prepare for each activity by completing the required readings. Opportunities are provided for non-evaluated supervised service learning related to the application of clinical skills in the community.

Students are advised to review skills learned in year 1 such as taking physiological measurements, assessment of posture, range of motion, muscle strength and integument and communication skills related to consent and chart notes. Clinical skills are taught in laboratories by faculty; labs will incorporate practice with peers. Clinical skills labs and tutorials will consolidate theoretical knowledge learned in lectures.

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

1. Integrate knowledge of anatomical structures and pathophysiology into assessment and intervention planning;
2. Apply the Conceptual Framework for Clinical Practice to cases representing respiratory, cardiovascular, surgical and de-conditioned considering the lifespan in the hospital and community rehabilitation environments;

3. Determine the implications of diagnostic tests on the physiotherapy plan of care;

4. Choose appropriate assessment components for the respiratory, cardiovascular, surgical and de-conditioned individual in a community setting considering the effect of diseases and disabilities across the lifespan;

5. Determine exercise tolerance testing and exercise program prescription for the following chronic health conditions: Anemia, Pacemakers, Restrictive Lung Disease, Heart & Lung Transplant, Type II Diabetes, Chronic Heart Failure, Atrial Fibrillation, Hypertension, Peripheral Arterial Disease, Chronic Renal Disease;

6. Proficiently assess:
   a. Cognition,
   b. Health history,
   c. Posture,
   d. Sensory function,
   e. Integument,
   f. Respiratory rate,
   g. Pattern of respiration and chest excursion,
   h. Lung density with the use of mediate percussion,
   i. Lung breath sounds (auscultation of the lungs),
   j. Cough effectiveness,
   k. General mobility,
   l. Aerobic capacity using YMCA 3 Minute Step Test, Modified 3 Minute Step Test, Modified Incremental Shuttle Walk Test and a Submaximal Graded Exercise Test (treadmill and bicycle ergometer),
   m. Blood pressure, heart rate / single-lead ECG, SpO2, rating of perceived dyspnea/rating of perceived exertion, and blood glucose at rest, during exercise or after exercise,
   n. Functional capacity test (6 minute walk test).

7. Proficiently treat to:
   a. Improve ventilation: mobilization, breathing exercise (deep breathing, segmental/facilitated breathing, incentive spirometry, thoracic expansion exercise, sniffing, breath stacking),
   b. Mobilize secretions: Mobilization, Active Cycle of Breathing Technique (ACBT), huffing, Autogenic Drainage, lung postural drainage, chest wall percussion, manual and mechanical vibrations, devices (e.g. PEP, Flutter, Acapella),
   c. Clear secretions: Huffing, coughing, supported coughing, suctioning (nasal, oral and tracheal airways),
   d. Manage dyspnea: purse lipped breathing (PLB), positioning, energy conservation, relaxation techniques,
   e. Manage tubes and lines safely during mobility
   f. Improve muscular strength / endurance, and cardiovascular endurance through proper prescription;
   g. Improve patient self-management knowledge, skills and behaviors;
   h. Increase thoracic mobility: (AROM, AAROM, PROM)

8. Incorporate relevant community resources as part of the discharge planning discussion;

9. Demonstrate professional behavior and respectful communication with participants in all educational activities;

10. Self-assess knowledge, skills, behaviors (including student self-care with respect to vicarious trauma) and attitudes during learning sessions;
11. Demonstrate Patient Safety Competencies in all learning sessions;
12. Demonstrate professional and academic integrity; and
13. Demonstrate team work for group activities.

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/EQUIPMENT:
   e. Patient Education Booklets (to be provided in class)
      i. Living Well with Heart Disease: A guide for people with coronary artery disease (Heart and Stroke Foundation)
      ii. Managing Heart Failure (Heart and Stroke Foundation)
      iii. All About your Bypass Surgery: Helping you understand your CABG
      iv. The Breath Works Plan
      v. Smoking Cessation (Canadian Cancer Society)
      vi. Saving Energy (Manitoba Lung Association)
   f. Mock charts
   g. Stethoscope and wrist watch

2. RECOMMENDED TEXTBOOK / EQUIPMENT
   b. EKG ruler (ruler will be provided in labs or can be purchased at the U of M bookstore)
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/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

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, 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 including long hair pulled back and no wearing of a hat. In addition to proper attire, students are also advised to bring their own personal equipment (stethoscope, watch) when indicated on the lab schedule.

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

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

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. 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 7124 Clinical Skills for Physical Therapy Cardio Respiratory.

Teaching Team: MFe=M. Fernandes; GH=G. Hodges; DaK=D. Kliewer; CO=D. Otfinowski; RM=R. Miles; HaB=H. Boguski; NRA=N. Ryan-Arbez; KC=K. Codispodi; SR=S. Rapko; AP=A. Pagsuyuin; CP=C.Proctor; SW=S. Webber

Schedule of Topics is described in the table below:
<table>
<thead>
<tr>
<th>Topic</th>
<th>Type of Interaction</th>
<th>Grp(s)</th>
<th>Instructor(s)</th>
<th>Contact Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review of Acute Hospital Inpatient</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Vicarious Trauma</td>
<td>Lecture</td>
<td></td>
<td>MFER</td>
<td>2.00</td>
</tr>
<tr>
<td>Health Education</td>
<td>Lecture</td>
<td></td>
<td>NRA</td>
<td>1.00</td>
</tr>
<tr>
<td>Ax: Adult CVP System I</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Adult CVP System II</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Spirometry</td>
<td>Lab</td>
<td>Group 1</td>
<td>GH, MFER, AP</td>
<td>1.00</td>
</tr>
<tr>
<td>Spirometry</td>
<td>Lab</td>
<td>Group 2</td>
<td>GH, MFER, AP</td>
<td>1.00</td>
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<tr>
<td>Ax: Adult CVP System II</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Adult CVP System</td>
<td>Lab</td>
<td>Group 2</td>
<td>GH, DaK, CO, HaB, MG</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Adult CVP System</td>
<td>Lab</td>
<td>Group 1</td>
<td>GH, DaK, CO, HaB, MG</td>
<td>2.00</td>
</tr>
<tr>
<td>Adult Surgical Population</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>3.00</td>
</tr>
<tr>
<td>CVP Surgical Patient Mobility</td>
<td>Lab</td>
<td>Group 1</td>
<td>GH, DaK, CO, HaB, MG</td>
<td>2.00</td>
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<tr>
<td>CVP Surgical Patient Mobility</td>
<td>Lab</td>
<td>Group 2</td>
<td>GH, DaK, CO, HaB, MG</td>
<td>2.00</td>
</tr>
<tr>
<td>Adult Tx Principles I</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Adult Tx Principles II</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Pediatric Resp Ax</td>
<td>Lecture</td>
<td></td>
<td>MFER</td>
<td>2.00</td>
</tr>
<tr>
<td>Respiratory Conditions Tutorial Prep</td>
<td>Self-Study</td>
<td></td>
<td></td>
<td>2.00</td>
</tr>
<tr>
<td>Adult Tx Principles III</td>
<td>Lecture</td>
<td></td>
<td>GH</td>
<td>2.00</td>
</tr>
<tr>
<td>Ax: Clinical Skills</td>
<td>Split Group Review Lab</td>
<td>Group 2</td>
<td>GH, HaB</td>
<td>1.00</td>
</tr>
<tr>
<td>Ax: Clinical Skills</td>
<td>Split Group Review Lab</td>
<td>Group 1</td>
<td>GH, HaB</td>
<td>1.00</td>
</tr>
<tr>
<td>Clinical Skills 1</td>
<td>Assessment</td>
<td>Group 2</td>
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<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 will be evaluated with a variety of methods: clinical skill assessments, written assessments and two written assignments. A student must pass both the written components and clinical skills assessment components of the course. A student is allowed up to 3 opportunities to receive a satisfactory mark in the clinical skills assessment. If a student does not achieve a satisfactory rating after the third attempt at the assessment, the student will register a fail in the clinical assessment component.

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

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

The table below identifies the assessment components.

<table>
<thead>
<tr>
<th>Components</th>
<th>Course value</th>
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<tr>
<td><strong>Clinical Skills Assessment 1: Surface Anatomy (Thorax) and Physiotherapy</strong></td>
<td>Pass/Fail</td>
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<td>Assessment: week 5</td>
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<td>Written Assessment 1: week 7</td>
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<td><strong>Clinical Skills Assessment 2: Treatment of Respiratory and Surgical Conditions</strong>: week 8</td>
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<td>Clinical Skills Assessment 3: Hand-held devices: week 9</td>
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<td>Inter-professional collaborative care:</td>
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<td>On-line Discussion #7 September 13 to 23</td>
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<td>On-line Discussion #8 October 4 to 15</td>
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<td>On-line Discussion #9 October 25 to November 4</td>
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<td>Reflection assignment: due November 29</td>
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<td>On-line discussions are worth 1 point each; the reflection is worth 2 points for a total of 5.</td>
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</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/. You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)

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

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

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

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

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

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

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

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

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

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

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

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

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

  and,

  Violent or Threatening Behaviour  

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

- For information about rights and responsibilities regarding Intellectual Property view the policy  

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](mailto:student_advocacy@umanitoba.ca)
# COURSE DETAILS

**Course Title & Number:** PT 7150 Integrated Practice for Cardiorespiratory and Neurological Conditions  
**Number of Credit Hours:** 3  
**Class Times & Days of Week:** Tutorial 3 hrs: 1 day/week, Self-study 2 hours: 1 day/week  
**Location for classes/labs/tutorials:** Variable  
**Pre-Requisites:** Completed MPT1, PT7230, PT7124 (previously known as PT7122)  
**Co-requisites:** PT7121, PT7160

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## Course Coordinator Contact Information

**Instructor Name:** TBD  
**Preferred Form of Address:**  
**Office Location:**  
**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:** 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, RR323A Rehab Hosp Bldg., 787-2756, ruth.barclay@umanitoba.ca
Angelique Beaudette, Health Sciences Centre, angelique_dela@hotmail.com
Tania Giardini, Health Sciences Centre, tania.giardini@umanitoba.ca
Becky Schorr, R032, Rehab Bldg., 789-3432, rebecca.schorr@umanitoba.ca
Kevin Stewart, Health Sciences Centre, kstewart4@hsc.mb.ca
Brenda Tittlemier, University of Manitoba, umtittle@myumanitoba.ca

Course Description
Students integrate relevant information for physical therapy management of complex cardiorespiratory and neurological conditions through lectures, labs and small group work with a focus on Interprofessional collaborative practice. Case studies may include but are not limited to: HIV, geriatrics, developmental disorders, spinal cord injuries, ARDS, critical care, pregnancy and leukemia.

General Course Information
This course involves in-class small group work, client specific problem-based learning tutorials and case-based presentations. Students are expected to continue to develop communication and professional behaviour as well as when applying any component of the Department of Physical Therapy Conceptual Framework. Evidenced based referencing is an expectation for information gathering for tutorials as well as for the case presentations.

Course Goals
The learning goals of this course are that upon successful completion of this course students should be able to:

1. Act with professional and academic integrity, behaving ethically, with honesty and respect for others;
2. Use oral and non-verbal communication effectively;
3. Integrate self-reflection and external feedback to improve personal practice;
4. Use an evidence-informed approach in practice. Demonstrate appropriate use of the literature to present evidenced based information to support the tutorial group discussion and the answers to the guided questions in the case presentations;
5. Contribute to effective teamwork, and to the learning of others;
6. Incorporate Patient Safety Competencies in all relevant learning activities;
7. Apply the Clinical Decision Making Process (CDMP) and integrate related knowledge for case studies of:
   a.  Older adult
   b.  Duchene’s Muscular Dystrophy
   c.  Leukemia
   d.  Cerebral Palsy
   e.  HIV
   f.  Spinal cord injury in the acute and rehab setting
   g.  Pregnancy;
8. Analyze the case issues relative to the components of the Conceptual Framework. This analysis should incorporate relevant clinical lab data as well as accessing key drug resources for clients with multisystem presentations;
9. Determine the clients’ prognosis based on their diagnosis and be able to select applicable assessment and treatment strategies including outcome measures, self-management, education, exercise, supportive devices, and other;
10. Discuss the ethical issues that physiotherapists can encounter in the clinical setting;
11. Determine discharge planning 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 conditions across the lifespan;
12. Incorporate Interprofessional knowledge, as appropriate, to identify communication and collaboration with other members of the health care team;
13. Provide education / feedback to standardized client/ 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) Please see suggested readings and references at the end of each case. The following reference is used frequently:

2) UM Learn( learning system-electronic access)
   a. Course syllabus
   b. Tutorial group lists and schedules
   c. Tutorial case notes
   d. Assignments/ rubrics
   e. 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

Students will be assigned to their tutorial group for the entire course and will work in this group for the case presentations. The lists for the tutorial sessions are posted on UM Learn.

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

As a 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 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

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. Students may be asked questions related to content material. The students can feel safe not knowing the complete or correct answer, as this is the place to learn
**If you will miss a class:** Please email the course coordinator and your tutorial leader if you are absent for any reason from a learning session.

### Schedule of Topics

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topic</th>
<th>Instructors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1:00-2:00</td>
<td>Introduction to course R230</td>
<td></td>
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<tr>
<td></td>
<td>2:00-3:00</td>
<td>Integrated Tutorial 1 - Intro to Pregnancy</td>
<td>Teaching Team</td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial 1 - Pregnancy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial 2 - Intro to HIV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial 2 - HIV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial 3 - Intro to Leukemia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial 3 - Leukemia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial 4 - Intro to Older Adult</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Assessment by tutorial leader</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial 4 - Older Adult case</td>
<td>Teaching Team</td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial Case 5 – Intro to Cerebral Palsy</td>
<td></td>
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<tr>
<td></td>
<td>by 5 pm</td>
<td>Leukemia (AML) snapshot for tutorial # 3 via UM LEARN</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>by 5 pm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial Case 5 - Cerebral Palsy</td>
<td>Teaching Team</td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial 6 – Intro to Spinal cord injury in ICU phase</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00-3:00</td>
<td>Discussion of Tutorial 6 - Spinal cord injury – ICU phase</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3:00-4:00</td>
<td>Integrated Tutorial 7 - Intro to Spinal cord injury in Rehab phase</td>
<td></td>
</tr>
<tr>
<td></td>
<td>by 5 pm</td>
<td>Concept map for tutorial #6 — ICU via UM LEARN</td>
<td></td>
</tr>
<tr>
<td>8:00-10:30</td>
<td>Case presentations (5 CR &amp; 5 neuro over both days) groups 6-10</td>
<td>RB, TG</td>
<td></td>
</tr>
<tr>
<td>8:00-10:30</td>
<td>Case presentations (5 CR &amp; 5 neuro over both days) groups 1-5</td>
<td>RB, TG</td>
<td></td>
</tr>
</tbody>
</table>
### Course Evaluation Methods

#### COURSE ASSESSMENT:

A minimum grade of “C+” (65-69%) is required to pass this course. This course will be assessed with a variety of methods: health condition concept maps and snapshots, tutorial leader assessments (including current peer-reviewed literature search-based handouts for each case), and a literature search/case presentation on a pre-assigned topic.

The purpose of the snapshots and concept maps are to provide the students with an opportunity to document the learning that has occurred during the tutorial session and consequently each student will retain different key points from the tutorial discussion. It is expected that the submitted snapshots, health condition maps and handouts will have been completed individually.

*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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1 Reproduced from the course outline for PT 6250 Integrated Tutorials for Neuro musculoskeletal conditions 2013–14 with modifications. G.Pereira
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 (Tutorial 3- Leukemia)</td>
<td>10% each</td>
<td>N/A</td>
</tr>
<tr>
<td>• 1 concept map (Tutorial 6 – SCI in Critical Care)</td>
<td>10% each</td>
<td>N/A</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>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<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, guidelines and cases for the case presentations are posted on UMLearn.
Appendix

Plagiarism and cheating:

Any copyright infringement will be brought to the attention of the Head of Physical Therapy, Dr. Barbara Shay. This applies to handouts as well.

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

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

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

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

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

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

University of Manitoba Libraries (UML)

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

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

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

**Student Counselling Centre**

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

474 University Centre or S207 Medical Services

(204) 474-8592

**Student Support Case Management**

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

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

520 University Centre

(204) 474-7423

**University Health Service**

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

[University Health Service](http://umanitoba.ca/student/health/)

104 University Centre, Fort Garry Campus

(204) 474-8411 (Business hours or after hours/urgent calls)

**Health and Wellness**

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

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

Katie.Kutryk@umanitoba.ca

469 University Centre, (204) 295-9032

**Live Well @ UofM**

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


**Section (c): Copyright Issues**

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

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

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

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

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

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

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

  Respectful Work and Learning Environment  

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

  and,

  Violent or Threatening Behaviour  

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

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

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

http://umanitoba.ca/student/advocacy/
520 University Centre, 204 474 7423 student_advocacy@umanitoba.ca
Course Title & Number: PT 7160 Physical Therapy Practice and Professional Issues 2

Number of Credit Hours: 3

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: N/A

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
Adrian Salonga, Health Sciences Centre, asalonga@hsc.mb.ca

Guest Lecturers: Career Services
Dr. Bruce Martin (BM), Department of Family Medicine
John Wyndels, Disability Issues Office, Government of Manitoba
Jared Funk, Canadian Paraplegic Association
Course Description

Through lecture and tutorial sessions, students will integrate their knowledge and clinical experience concerning business, ethical and legal principles for physical therapy practice.

General Course Information

This course involves lectures, small group tutorials and interactive sessions with invited speakers. Students are expected to prepare for each activity by completing the required readings for lectures and tutorials.

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. Use oral and non-verbal communication effectively, including contributing to conflict resolution where it arises;
3. Integrate self-reflection and external feedback to improve personal practice;
4. Contribute to effective teamwork and to the learning of others;
5. Behave in a manner that values diversity;
6. Use an evidence-informed approach in practice;
7. Embrace social responsibility as a health professional;
8. Ensure a safe practice environment including physical and emotional safety of the client;
9. Use written communication effectively, including peer feedback, self-reflection and resume writing;
10. Facilitate collaborative relationships;
11. Discuss and reflect on professional boundaries, ethical and professional considerations between physical therapists, other health care professionals and the public;
12. Incorporate client context into clinical decision making: global health & palliative care.
13. Adapt communication approach to the context: communication through a medical interpreter;
14. Explore the relevance of quality and patient safety competencies in physical therapy and interprofessional practice, identifying near misses and adverse events;
15. Apply legal and regulatory requirements to physiotherapy practice;
16. Support organizational excellence by applying business principles and efficient and effective resource utilization to a proposed business plan;
17. Apply concepts of quality improvement activities in physiotherapy.

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

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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.

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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 anything shared by students will not be relayed outside of the seminar setting.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Introduction</td>
<td>Orientation</td>
<td>MFr</td>
</tr>
<tr>
<td>Critical Incident Reporting</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td><em>Canada Health Act</em></td>
<td>Lecture</td>
<td>MFr</td>
</tr>
<tr>
<td>Teacher-Learner Relationships</td>
<td>Tutorial</td>
<td>MFr</td>
</tr>
<tr>
<td>Patient Safety</td>
<td>Office of Interprofessional Collaboration Interprofessional Education</td>
<td></td>
</tr>
<tr>
<td>Resource Allocation</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Context of Practice</td>
<td>Large Group Tutorial</td>
<td></td>
</tr>
<tr>
<td>Funding Sources</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Dispensing Mobility Aids (TBC)</td>
<td>IPE tutorial with Pharmacy</td>
<td>MF</td>
</tr>
<tr>
<td>Governance &amp; Organizational Design</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Market Analysis, Principles and Best Practices</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Resource Management &amp; Productivity</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Business Standards</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Response to a Request for Proposals</td>
<td>Lecture</td>
<td>TK</td>
</tr>
<tr>
<td>Proposal Preparation Time</td>
<td></td>
<td>TK</td>
</tr>
<tr>
<td>Medical Interpreters</td>
<td>Lecture</td>
<td>BM</td>
</tr>
<tr>
<td>Communication with a Medical Interpreter</td>
<td>Lab</td>
<td>MFr, BLS, SW, LH, TBA</td>
</tr>
<tr>
<td>Response to a Request for Proposals</td>
<td>Tutorial</td>
<td>TK</td>
</tr>
<tr>
<td>Ethical Practice I &amp; II</td>
<td>Small Group Tutorials</td>
<td>MFr</td>
</tr>
<tr>
<td>Current Topics</td>
<td>Large Group Tutorial</td>
<td>MFr</td>
</tr>
<tr>
<td>Global health</td>
<td>Lecture &amp; Large Group Tutorial</td>
<td>MFr, LH</td>
</tr>
</tbody>
</table>
Course Evaluation Methods
This course will be evaluated with a variety of methods: a test, a group assignment and an interprofessional group assignment. A minimum grade of “C+” (65-69%) is required to pass this course.

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

A change to the date of the test will only be considered under emergency circumstances and requires Department Head approval. Vacations are not a suitable reason to change a date of a test.

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

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

<table>
<thead>
<tr>
<th>Assessment Components</th>
<th>Course Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Individual assessment: Test</strong></td>
<td>50%</td>
</tr>
<tr>
<td>Content on ethics theories and principles; QA; resource allocation; budgeting; critical incident procedures; Canada Health Act; Accessibility Act; global health; and medical interpretation.</td>
<td></td>
</tr>
<tr>
<td><strong>Group assessment: Business Proposal for community program</strong></td>
<td>35%</td>
</tr>
<tr>
<td>Linked to PT 6260 Needs Assessment</td>
<td></td>
</tr>
<tr>
<td><strong>Group assessment: Elevator Pitch of proposed community program</strong></td>
<td>10%</td>
</tr>
<tr>
<td>Linked to PT 6260 Needs Assessment</td>
<td></td>
</tr>
<tr>
<td><strong>Office of Interprofessional Collaboration assessment:</strong></td>
<td>5%</td>
</tr>
<tr>
<td>On-line discussions (2 x 1) + Group Assignment (1 x 3) + Individual Reflection (pass/fail)</td>
<td></td>
</tr>
</tbody>
</table>
Appendix

Section (a): Plagiarism and cheating

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

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

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

Section (b): Academic Supports available to students

Writing and Learning Support

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

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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](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.

520 University Centre
(204) 474-7423

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

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

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

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

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

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

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

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

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

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

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

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

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


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

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

Course Title & Number: PT 7230: Applied Sciences for Physical Therapy III

Number of Credit Hours: 3

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.

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
Mark Garrett, Mark.Garrett@umanitoba.ca
Greg Hodges, GHodges@exchange.hsc.mb.ca
Melanie Fernandes, Melanie.Fernandes@umanitoba.ca

Course Description

Through lecture, tutorial and laboratory sessions, students will learn the application of anatomy, physiology and pathology to the cardiovascular and pulmonary systems. This course provides the theoretical basis for physical therapy intervention for cardiovascular and pulmonary disorders.

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. Class work includes lectures, in-class small group work, and tutorial sessions. Students will integrate pre-requisite courses information.
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 to practice.
6. Describe the inter-relationships between structure and ventilation of the lungs and how this is assessed through pulmonary function tests.
7. Distinguish between normal and abnormal pulmonary function tests and chest x-rays.
8. Describe the relationship underlying the oxy-hemoglobin saturation curve and how this is monitored clinically;
9. Describe the relationships between the electrical and hemodynamic functions of the heart;
10. Describe the role of the kidneys in regulating long term maintenance of blood pressure and the use of pharmacological agents to manage blood pressure;
11. Describe the co-operative roles of the lungs and kidneys in regulating acid-base balance;
12. Integrate information about the following pathological/disease conditions when identifying patient risk and impairment:
   a. Chronic obstructive lung disease (COLD or COPD);
   b. Restrictive pulmonary disease;
   c. Infectious diseases;
   d. Acute cardiovascular pathology and sequelae of cardiovascular pathology;
   e. Supplementary oxygen systems and mechanical ventilation;
   f. Critical Care
13. Describe the medical assessment / management considerations of the above 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 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:

Recommended Texts:


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

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.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructor(s)</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thoracic Resp Anatomy</td>
<td>Lecture</td>
<td>MG</td>
<td>2.5</td>
</tr>
<tr>
<td>Thoracic Surface Anatomy</td>
<td>Split Group Lab</td>
<td>MG, GH</td>
<td>2</td>
</tr>
<tr>
<td>Thoracic Surface Anatomy</td>
<td>Split Group Lab</td>
<td>MG, GH</td>
<td>2</td>
</tr>
<tr>
<td>Pediatric CVP anatomy/physiology</td>
<td>Lecture</td>
<td>Mfer</td>
<td>1</td>
</tr>
<tr>
<td>Respiratory Phys: Ventilation</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Phys: Gas Transport</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Resp Physiology: Acid Base</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Tutorial</td>
<td>Tutorial</td>
<td>BMac</td>
<td>1</td>
</tr>
<tr>
<td>Obstructive Conditions</td>
<td>Self-Study</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Tutorial</td>
<td>Tutorial</td>
<td>BMac</td>
<td>1</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Gross Lab</td>
<td>MG</td>
<td>1.5</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Gross Lab</td>
<td>MG</td>
<td>1.5</td>
</tr>
<tr>
<td>Infectious Disease</td>
<td>Self-Study</td>
<td></td>
<td>1.5</td>
</tr>
<tr>
<td>Pediatric Resp &amp; Cardiac Pathology</td>
<td>Lecture</td>
<td>Mfer</td>
<td>2</td>
</tr>
<tr>
<td>Chest Xray</td>
<td>Lecture</td>
<td>GH</td>
<td>1</td>
</tr>
<tr>
<td>Exam</td>
<td>Written Exam Assessment</td>
<td>BMac, GH</td>
<td>1.5</td>
</tr>
<tr>
<td>Cardiac Phys: Hemodynamics &amp; Renal Phys</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Invasive/Non-Invasive Ventilation</td>
<td>Self-Study</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Invasive/Non-Invasive Ventilation</td>
<td>Self-Study</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Renal Phys</td>
<td>Lecture</td>
<td>BMac</td>
<td>2</td>
</tr>
<tr>
<td>Critical Care</td>
<td>Self-Study</td>
<td></td>
<td>1</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.

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<table>
<thead>
<tr>
<th>Written Components</th>
<th>Course Value</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam #1: All content up to and including Anatomy lab</td>
<td>50%</td>
<td>1.5 hrs</td>
</tr>
<tr>
<td>Exam #2: All content after Anatomy lab</td>
<td>50%</td>
<td>1.5 hrs</td>
</tr>
<tr>
<td>Written Assessment Total</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
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104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

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

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

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

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

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

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

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

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

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

  Respectful Work and Learning Environment

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

  and,

  Violent or Threatening Behaviour

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

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

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

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

Course Title & Number: PT 7292 Neurosciences Clinical Education
Number of Credit Hours: 6
Class Times & Days of Week: Variable
Location for classes/labs/tutorials: Variable
Pre-Requisites: All MPT2 winter term 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

A six-week experiential learning period in the clinical community, providing opportunity for students to assess and treat clients with neurological disorders under supervision.
This course consists of the following components:

1. **An Objective Structured Clinical Evaluation (OSCE)**, in which all clinical skills presented in the MPT2 fall academic block may be assessed. The OSCE will occur in the last week of the MPT2 fall 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.

2. A **neurosciences clinical placement** which will follow successful completion of the OSCE. The placement will be full-time, approximately 37.5 hours per week for five 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.

3. A **classroom debrief** (Placement Reflection and Academic Integration Session or “PRAIS”) following the neurosciences 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 MPT2 winter term academic courses.

Course Technology

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

Class Communication

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

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

Expectations of Students

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

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

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

3. Self-reflection responsibilities: Students will be provided with the opportunity to share in self-reflection following their Neuro clinical placement at the Neuro 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 Neurological 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 submit the completed checklist to the ACCE at the end of their Neuro 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](mailto:Student_accessibility@umanitoba.ca)

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**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>Integrated Clinical Skills Ax</td>
<td>Assessment: S6</td>
<td>BSch</td>
<td>1.0</td>
</tr>
<tr>
<td>Neuro Clinical Placement Rotation 1 (April 06-May 15, 2020)</td>
<td>Clinical Placement</td>
<td>CI</td>
<td>225.0</td>
</tr>
<tr>
<td>Neuro Clinical Placement Rotation 2 (May 19-June 26, 2020)</td>
<td>Clinical Placement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neuro Clinical Placement Rotation 3 (June 29-August 07, 2020)</td>
<td>Clinical Placement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placement Reflection &amp; Academic Integration Session (Neuro &amp; Elective PRAIS)</td>
<td>Debrief</td>
<td>MG, LH, BS, MF</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 name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students
can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

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

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

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

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   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.
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  Student Discipline
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  Violent or Threatening Behaviour

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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

Course Title & Number: PT 7294 Cardiovascular and Pulmonary Clinical Education

Number of Credit Hours: 5

Class Times & Days of Week: Variable

Location for classes/labs/tutorials: Variable

Pre-Requisites: All MPT2 fall term 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

A five-week experiential learning period in the clinical community, providing opportunity for students to assess and treat clients with cardiovascular and pulmonary 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 and presentation of reflective journals.

**General Course Information**

This course consists of the following components:

4. An Objective Structured Clinical Evaluation (OSCE), in which all clinical skills presented in the MPT2 fall academic block may be assessed. The OSCE will occur in the last week of the MPT2 fall 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.

5. A cardiovascular and pulmonary clinical placement which will follow successful completion of the OSCE. The placement will be full-time, approximately 37.5 hours per week for five 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.

6. A classroom debrief (*Placement Reflection and Academic Integration Session or “PRAIS”*) following the cardiovascular and pulmonary 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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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 CVP clinical placement at the CVP 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 Cardiorespiratory 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 submit the completed checklist to the ACCE at the end of their CVP 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](mailto:Student_accessibility@umanitoba.ca)
### Schedule of Topics

<table>
<thead>
<tr>
<th>Topic</th>
<th>Interaction</th>
<th>Instructors</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Clinical Skills Ax</td>
<td>Assessment: S6</td>
<td>TBA</td>
<td>0.5</td>
</tr>
<tr>
<td>CVP Clinical Placement Rotation 1 (October 14-November 15, 2019)</td>
<td>Clinical Placement</td>
<td>CI</td>
<td>187.5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>(5 weeks)</td>
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<tr>
<td>CVP Clinical Placement Rotation 2 (November 18-December 20, 2019)</td>
<td>Clinical Placement</td>
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<tr>
<td>Placement Reflection &amp; Academic Integration Session (CVP PRAIS)</td>
<td>Debrief</td>
<td>MG, LH, GH</td>
<td>2</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.

3. **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.

4. **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](http://bit.ly/WcEbA1) or name: [http://bit.ly/1U0bB4](http://bit.ly/1U0bB4). In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: [http://bit.ly/1sXe6RA](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:*
474 University Centre or S207 Medical Services
(204) 474-8592

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

520 University Centre
(204) 474-7423

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

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

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

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

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

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

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

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

The [Academic Calendar](http://umanitoba.ca/student/records/academiccalendar.html) is one important source of information. View the sections [University Policies and Procedures](http://umanitoba.ca/admin/governance/governing_documents/community/230.html) and [General Academic Regulations](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html).

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 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 7330 Applied Sciences for Physical Therapy 3  
**Number of Credit Hours:** 3  
**Class Times & Days of Week:** Variable  
**Location for classes/labs/tutorials:** Variable  
**Pre-Requisites:** PT 6130 Applied Sciences for Physical Therapy 1  
PT 6230 Applied Sciences for Physical Therapy 2  
**Co-requisites:** PT 7121 Clinical Skills for Physical Therapy Neurological

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## Course Coordinator Contact Information

**Coordinator Name:** Tony Szturm  
**Preferred Form of Address:** Tony  
**Office Location:** RR319, Rehabilitation Hospital  
**Office Hours/Availability:** I do not have set office hours but you are welcome to come by my office any time. If I am not in my office please contact me by e-mail and we can arrange an appointment.  
**Office Phone Number:** (204) 787-4794  
**Email:** Tony.Szturm@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:

Tony Szturm, RR319 Rehab Hospital, Tony.Szturm@umanitoba.ca
Hugo Bergen, 132 Basic Med Sciences Bldg, hbergen@cc.umanitoba.ca
Melanie Fernandes, R 116 Rehab Bldg., Melanie.Fernandes@umanitoba.ca
Becky Schorr, R032 Rehab Bldg., Rebecca.Schorr@umanitoba.ca
Rudy Niebuhr, (Clinician, HSC), 787-2258, rniebuhr@exchange.hsc.mb.ca
KAREN REIMER, (Clinician, Private practice) physio_n_balance@shaw.ca
Nancy Ryan-Arbez, R133 Rehab Bldg., Nancy.Ryan-Arbez@umanitoba.ca
Elizabeth Andersen Hammond (ERA)

Guest lecturers:

Dr. Bertram Unger, MD, PhD, Health Sciences Centre
Dr. Doug Hobson, Neurology, Movement Disorders Clinic Deer Lodge Hospital

Course Description

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

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. Class work includes lectures, Labs and tutorial sessions. Students will integrate pre-requisite courses information.

Course Goals

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

1. Demonstrate professional behaviour and respectful communication with participants in all educational activities;
2. Self-assess knowledge, skills, behaviors and attitudes during learning sessions;
3. Demonstrate professional and academic integrity;
4. Describe the natural history, pathology, clinical manifestations, general management (including pharmacology, medical or surgical management) and prognosis of neurological conditions, and in particular
   a. Acquired Brain Injury
   b. Cerebral Vascular Accident (Stroke)
   c. Neurodevelopmental disorders including; Cerebral Palsy, Spina Bifida, Fetal Alcohol Spectrum Disorder, Down’s Syndrome, Autism Spectrum Disorder, Attention Deficit Hyperactivity Disorder
   d. Degenerative Diseases including; Amyotrophic Lateral Sclerosis, Multiple Sclerosis, Alzheimer’s Disease
   e. Infectious diseases including; Guillain-Barré Syndrome and Post-polio Syndrome
   f. Spinal Cord Injury
   g. Movement Disorders of the basal ganglia and cerebellum
   h. Bowel, Bladder and Sexual Dysfunction
   i. Metabolic Neuropathy
   j. Myasthenia Gravis
k. Vestibular Disorders

5. Demonstrate knowledge of basic neurophysiology in order to understand the neurological basis and theories of motor control and involved in motor learning, in particular:
   a. Volitional movement to include roles of the cerebral cortex, cerebellum, basal ganglia, brain stem and spinal cord,
   b. Higher brain functions, such as language, cognition and memory
   c. Neuroplasticity and neuro-adaptation following brain injury

6. Be proficient in performing a physical assessment of:
   a. Single-lead ECG at rest and during exercise
   b. Submaximal graded exercise testing on a treadmill and bicycle ergometer

7. Determine the appropriate exercise tolerance assessment and exercise program prescription for the following Chronic Health Conditions: hypertension, diabetes and peripheral vascular disease, chronic renal failure, chronic heart failure, restrictive lung disease, cancer, anemia, atrial fibrillation and pacemaker.

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

1 REQUIRED TEXTBOOKS / READINGS:

2 Recommended Texts:

3 Desire to Learn:
   • Course syllabus, schedule, lectures, hand-outs readings

Course Technology

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

**Class Communication**

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students, please visit:

http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

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

**Expectations of Students**

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

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

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

“Students are reminded that for each clinical skill lab they are responsible for informing the instructor of any acute or chronic health issues that could be impacted by clinical skills that will be practiced during a specific lab. High blood pressure, haemophilia, and joint damage are only a few of many conditions which could put a student’s health at risk if he/she was a patient or practice subject.

As the instructor is not acting as the student’s personal physical therapist, the instructor will not have access to student’s health history. A student is unable to determine whether a physical therapy assessment or treatment skill poses a risk to his/her health, therefore it is vital for a Physical Therapy Student to inform the Instructor of any acute or chronic health issues prior to participating in a clinical skills lab. Based on the student’s information, the instructor will determine the student’s degree of safe participation in the lab.” (Refer to the complete policy in the MPT Syllabus Guide, 2018-19).
**Students Accessibility Services**

**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 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 7330 Applied Sciences for Physical Therapy 3**

Teaching Team: Dr. Tony Szturm = TSz, Dr. Hugo Bergen = HB, Melanie Fernandes = MFer, Becky Schorr = BSch, Rudy Niebuhr = RN, Karen Reimer = KR, Nancy Ryan-Arbez = NRA, Dr. Bertram Unger = BU, Dr. Doug Hobson = DH

**Course schedule Tentative**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Lecture Type</th>
<th>Topic</th>
<th>Location Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue Jan 03</td>
<td>9:00</td>
<td>R230</td>
<td></td>
<td>Course Intro</td>
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<tr>
<td></td>
<td>9:30</td>
<td>R230</td>
<td></td>
<td>Orientation - TS</td>
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<tr>
<td>Tue Jan 03</td>
<td>10:00</td>
<td>R230</td>
<td></td>
<td>Neuroanatomy:</td>
<td>Lecture - HB</td>
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<td>Meninges, Ventricles, Vascular</td>
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<tr>
<td>Wed Jan 04</td>
<td>9:00</td>
<td>R230</td>
<td></td>
<td>Overview of voluntary motor control</td>
<td>Lecture- TS</td>
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<td></td>
<td>10:00</td>
<td>R230</td>
<td></td>
<td>Lecture-</td>
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<td></td>
<td></td>
<td></td>
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<td>Neuroanatomy:</td>
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<td></td>
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<td>Gross Anatomy</td>
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<tr>
<td>Wed Jan 04</td>
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<td>Gross Lab - HB</td>
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<tr>
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<td>Anatomy</td>
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<td>Gross Lab - HB</td>
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<tr>
<td>Fri Jan 06</td>
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<td>15:00</td>
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<td>Anatomy</td>
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<td>Gross Lab</td>
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<tr>
<td>Tue Jan 10</td>
<td>8:00</td>
<td>R236</td>
<td></td>
<td>Acute Medical Management</td>
<td>Lecture - BU</td>
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<td>Room</td>
<td>Topic</td>
<td>Instructor</td>
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<tr>
<td>Wed Jan 11</td>
<td>13:00</td>
<td>R236</td>
<td>Peds Congential</td>
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<tr>
<td>Thu Jan 12</td>
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<td>R230</td>
<td>Spinal Cord Injury</td>
<td>RN</td>
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<tr>
<td>Thu Jan 12</td>
<td>9:00</td>
<td>R230</td>
<td>Vestibular Disorders &amp; Concussions</td>
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<td>Thu Jan 12</td>
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<td>R160</td>
<td>CVA</td>
<td>BSch</td>
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<tr>
<td>Fri Jan 13</td>
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<td>R160</td>
<td>Bowel and Bladder</td>
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<td>Fri Jan 13</td>
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<td>R236</td>
<td>Acquired Brain Injury</td>
<td>BSch</td>
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<td>Mon Jan 16</td>
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<td>R230</td>
<td>Mid Term</td>
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<td>R015, NJML</td>
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<td>Quiz Assessment</td>
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<td>Cerebellum</td>
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<td>R230</td>
<td>ALS, MS</td>
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<tr>
<td>Fri Jan 20</td>
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<td>R236</td>
<td>Cerebral cortex</td>
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<td>Thu Jan 26</td>
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<td>R160</td>
<td>Cognition</td>
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<tr>
<td>Fri Jan 27</td>
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<td>R160</td>
<td>Memory &amp; Dementia</td>
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<tr>
<td>Thu Feb 02</td>
<td>8:00</td>
<td>R160</td>
<td>Movement Disorders</td>
<td>DH</td>
<td></td>
</tr>
<tr>
<td>Mon Feb 13</td>
<td>8:00</td>
<td>R230</td>
<td>Neuroplasticity</td>
<td>TS</td>
<td></td>
</tr>
<tr>
<td>Tue Feb 21</td>
<td>8:15</td>
<td>R015, NJML</td>
<td>Quiz</td>
<td>Final Exam Assessment</td>
<td></td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of “C+” (65-69%) is required to pass this course. This course will be evaluated by two written exams: one at midterm (covers lectures up to the exam) and one at final (covers lectures from midterm to final). Both of these exams will be a mixture of short answer and multiple-choice questions. Weighting of the 2 exams are as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Course value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm Written Exam</td>
<td>50%</td>
</tr>
<tr>
<td>Final Written Exam</td>
<td>50%</td>
</tr>
</tbody>
</table>
Appendix

Section (a): Plagiarism and cheating

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

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

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

Section (b): Academic Supports available to students

Writing and Learning Support

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

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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 or name: http://bit.ly/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For
a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

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

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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

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Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.
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104 University Centre, Fort Garry Campus
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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
All students are required to respect copyright as per Canada’s Copyright Act. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.
Visit http://umanitoba.ca/copyright for more information.

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

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

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

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

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


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


- 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.

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

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<thead>
<tr>
<th>Course Title &amp; Number:</th>
<th>PT 7390 Elective Clinical Education</th>
</tr>
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<td>Location for classes/labs/tutorials:</td>
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<td>Pre-Requisites:</td>
<td>All MPT academic courses</td>
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### 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>R134 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 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

One six-week experiential learning period in the clinical community to complement previous clinical placements, address gaps in previous clinical placements and / or to explore emerging roles in physiotherapy.

General Course Information

This course consists of the following components:

1. A full-time placement, 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.
2. A classroom debrief (Placement Reflection and Academic Integration Session or “PRAIS”) following the placement 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/](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 MPT 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](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**

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 Elective clinical placement at the **Neuro/Elective 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 their Clinical Skills Checklist that is most applicable to the clinical area of their Elective placement (i.e. NMSK, CVP or Neuro) for a comprehensive list of clinical skills that they may have the opportunity of applying while on the placement. Throughout the placement, students will maintain a record of skills observed and/or successfully practiced by adding to their previously completed Checklist. Students will submit the completed checklist to the ACCE at the end of their Elective 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/](http://umanitoba.ca/student/saa/)

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)

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**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>Elective Clinical Placement Rotation 1 (April 06-May 15, 2020)</td>
<td>Clinical Placement</td>
<td>225 hrs (6 weeks)</td>
<td>Students complete only one Elective placement, which is scheduled in one of these three placement slots.</td>
</tr>
<tr>
<td>Elective Clinical Placement Rotation 2 (May 19-June 26, 2020)</td>
<td>Clinical Placement</td>
<td>225 hrs (6 weeks)</td>
<td></td>
</tr>
<tr>
<td>Elective Clinical Placement Rotation 3 (June 29-August 07, 2020)</td>
<td>Clinical Placement</td>
<td>225 hrs (6 weeks)</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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  Violent or Threatening Behaviour [http://umanitoba.ca/admin/governance/governing_documents/community/669.html](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)

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

<table>
<thead>
<tr>
<th><strong>Course Title &amp; Number:</strong></th>
<th>PT 7410 Exercise Prescription and Manual Therapy for Physical Therapists</th>
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<td><strong>Number of Credit Hours:</strong></td>
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<td>Variable class times</td>
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## Course Coordinator Contact Information

<table>
<thead>
<tr>
<th><strong>Course Coordinator:</strong></th>
<th>Joanne Parsons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preferred Form of Address:</strong></td>
<td>Joanne</td>
</tr>
<tr>
<td><strong>Office Location:</strong></td>
<td>RR 355, Resp/Rehab Hospital, 800 Sherbrook Street</td>
</tr>
<tr>
<td><strong>Office Hours/Availability:</strong></td>
<td>As my schedule varies, please contact me by email or phone to arrange an appointment.</td>
</tr>
<tr>
<td><strong>Office Phone Number:</strong></td>
<td>204-787-1019</td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:Joanne.Parsons@umanitoba.ca">Joanne.Parsons@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

### Exercise Content
- **Lead:** Joanne Parsons, see above
- Dean Kriellaars, RR303 Rehab Hosp., 787-3505, [Dean.Kriellaars@umanitoba.ca](mailto:Dean.Kriellaars@umanitoba.ca)
- Brian MacNeil, R213, Rehab Bldg., 977-5635, [Brian.MacNeil@umanitoba.ca](mailto:Brian.MacNeil@umanitoba.ca)

### Manual Therapy Content
- **Lead:** Roland Lavallée, R140, Rehab Bldg., 253-0588, [Roland.Lavalee@umanitoba.ca](mailto:Roland.Lavalee@umanitoba.ca)
- Joanne Carswell, [carswelljoanne@gmail.com](mailto:carswelljoanne@gmail.com)
- Evelyn Lightly, [elightly@mts.net](mailto:elightly@mts.net)
- Laurie Urban, R140, Rehab Bldg., [Laurie.Urban@umanitoba.ca](mailto:Laurie.Urban@umanitoba.ca)
- Mike McMurray, R134, Rehab Bldg., 789-3413, [Mike.McMurray@umanitoba.ca](mailto:Mike.McMurray@umanitoba.ca)
- Terry Woodard, [terryjwoodard@hotmail.com](mailto:terryjwoodard@hotmail.com)
Description
Through a variety of learning strategies, students further develop exercise prescription and manual therapy skills in physical therapy assessment, diagnosis and treatment for individuals across the lifespan.

General Course Information
This course involves class, lab, and off-site visits; students are expected to prepare for each activity by completing the required readings for lectures and the assigned skills laboratories. Class work may include lectures and in-class small group work.

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) Ensure client physical and emotional safety, and a safe practice environment
6) Use an evidence-informed approach in practice
7) Conduct client assessment of select spinal and peripheral joints, and fitness status
8) Establish a diagnosis and prognosis for select spinal and peripheral joint conditions
9) Develop an intervention plan for select spinal and peripheral joint conditions, and for lifestyle modification and exercise programming in healthy individuals throughout 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
Course Resources:

1) Textbooks:

2) UM Learn (Click here for instructions on how to gain access)
   a. Course outline
   b. Course notes and audio-visual information
   c. Timetable
   d. Site visits & lab group lists
   e. Written assessment

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/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
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
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

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.

**AMT = Manual Therapy AE = Exercise**

<table>
<thead>
<tr>
<th>AMT: Section Intro</th>
<th>Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT: Thoracic Spine</td>
<td>Lecture</td>
</tr>
<tr>
<td>AMT: TMI</td>
<td>Lecture</td>
</tr>
<tr>
<td>AMT: Thoracic Spine</td>
<td>Large Group Lab</td>
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<tr>
<td>AMT: Introduction to Manipulations</td>
<td>Lecture</td>
</tr>
<tr>
<td>AMT: TMI</td>
<td>Large Group Lab</td>
</tr>
<tr>
<td>AMT: Adv Diagnostic Imaging</td>
<td>Lecture</td>
</tr>
<tr>
<td>AMT: Peripheral Manipulations</td>
<td>Large Group Lab</td>
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<tr>
<td>AE: Section Intro</td>
<td>Lecture</td>
</tr>
<tr>
<td>AE: Environmental Conditions</td>
<td>Lecture</td>
</tr>
<tr>
<td>AE: Exercise Prescription for Children and Youth</td>
<td>Lecture</td>
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<tr>
<td>AMT: Spinal Manipulations I</td>
<td>Lab</td>
</tr>
<tr>
<td>AE: Site Visit Prep</td>
<td>Lecture</td>
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<tr>
<td>AMT: Spinal Manipulations II</td>
<td>Lab</td>
</tr>
<tr>
<td>AMT: Spinal Manipulations</td>
<td>Review Lab</td>
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<tr>
<td>AE: Fitness and Performance</td>
<td>Split Group Lab</td>
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<tr>
<td>AMT: Spinal Manipulations</td>
<td>Clinical Skills Assessment</td>
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<tr>
<td>AE: Physical Literacy</td>
<td>Lecture</td>
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<tr>
<td>AE: Nutrition &amp; Supplements</td>
<td>Lecture</td>
</tr>
<tr>
<td>AE: Exercise Prescription &amp; Weight Management</td>
<td>Lecture</td>
</tr>
<tr>
<td>AE: CrossFit Site Visit</td>
<td>Split Group Lab</td>
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<tr>
<td>AE: Functional Fitness Site Visit</td>
<td>Split Group Lab</td>
</tr>
<tr>
<td>AE: Fitness and Performance</td>
<td>Split Group Lab</td>
</tr>
<tr>
<td>AE: Pure Site Visit</td>
<td>Split Group Lab</td>
</tr>
<tr>
<td>AE: Fitness and Performance</td>
<td>Split Group Lab</td>
</tr>
<tr>
<td>AE: Site Visit</td>
<td>Debrief</td>
</tr>
<tr>
<td>Quiz</td>
<td>Assessment</td>
</tr>
<tr>
<td>Participation in Physical Activity Counselling Research Study</td>
<td>Offsite</td>
</tr>
</tbody>
</table>
Course Evaluation Methods

A minimum grade of `C+` (65-69%) is required to pass this course. This course will be assessed with a variety of methods: written assessments, clinical skills assessments, attendance at off-site activities.

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.

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>Assessment Component</th>
<th>Course Value</th>
<th>Duration</th>
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<tbody>
<tr>
<td><strong>Exercise</strong></td>
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<tr>
<td>Written Assignment</td>
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<td>3-5 hr</td>
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<tr>
<td>Participation in a Physical Activity Counselling research project</td>
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</tr>
<tr>
<td><strong>Manual Therapy</strong></td>
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<tr>
<td>Written Assessment</td>
<td>20%</td>
<td>1 hr</td>
</tr>
<tr>
<td>Clinical Skills Assessment</td>
<td>30%</td>
<td>.75 hrs</td>
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The Written Assessment will be done via UMLearn. The assessment 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/1U0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.
Section (b): Mental Health Services
For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

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

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

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

Health and Wellness
Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.
Health and Wellness Educator http://umanitoba.ca/student/health-wellness/welcome.html
Katie.Kutryk@umanitoba.ca
469 University Centre, (204) 295-9032
Live Well @ UofM
For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:
http://umanitoba.ca/student/livewell/index.html

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

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

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

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

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

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


  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 [http://umanitoba.ca/admin/governance/governing_documents/community/669.html](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/media/Intellectual_Property_Policy_-_2013_10_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

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

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

<table>
<thead>
<tr>
<th>Course Title &amp; Number:</th>
<th>PT7500 Physical Therapy Evaluation/Research Project</th>
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</thead>
<tbody>
<tr>
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<td>Class Times &amp; Days of Week:</td>
<td>Variable</td>
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<tr>
<td>Location for classes/labs/tutorials:</td>
<td>Variable</td>
</tr>
<tr>
<td>Pre-Requisites:</td>
<td>PT6110, PT6310</td>
</tr>
</tbody>
</table>

### Instructor Contact Information

<table>
<thead>
<tr>
<th>Instructor Name:</th>
<th>Dean Kriellaars, Course Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Form of Address:</td>
<td>Dean</td>
</tr>
<tr>
<td>Office Location:</td>
<td>RR303 800 Sherbrook</td>
</tr>
<tr>
<td>Office Hours/Availability:</td>
<td>Please contact me phone or email to arrange an appointment</td>
</tr>
<tr>
<td>Office Phone Number:</td>
<td>204-688-0151</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:dean.kriellaars@umanitoba.ca">dean.kriellaars@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:
Dean Kriellaars
Brian MacNeil
Ruth Barclay
Hal Loewen (Library)

Course Description
Under the supervision of a faculty advisor the students will develop and complete a physical therapy or rehabilitation focused research or evaluation project.

General Course Information
This course involves lectures and group work leading to the completion of a formal research project in the area of physiotherapy practice. The final outcome of the course will be a normally be a scientific paper and poster.

Course Goals
The goals of this course are:

1. Demonstrate professional behaviour and respectful communication with participants in all educational activities.
2. Self-assess knowledge, skills, behaviors and attitudes during learning sessions.
3. Demonstrate professional and academic integrity.
4. Demonstrate teamwork for group activities.
5. Perform a search of electronic databases to retrieve evidence.
6. Critically appraise research literature by assessing the validity and results of a study and determining the applicability of the findings.
7. Utilize the principles of Evidence-Based Practice to create a review of literature.
8. Develop information literacy competencies as they relate to physical therapy.

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.
COURSE RESOURCES:

1) REQUIRED TEXTBOOKS / READINGS:
   b. E-book - *Cochrane Handbook for Systematic Reviews of Interventions*
   c. *Mendeley Reference Software*
      i. https://www.mendeley.com/
   d. *REV MAN systematic review software*
      i. https://community.cochrane.org/

2) UM Learn (learning system-electronic access)
   i. Course syllabus & outline
   ii. Group lists & topics

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/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

You are to attend all learning sessions in order to be equipped to undertake the group research project. Participation in and out of class with the assigned group and the assigned supervisor is required to successfully complete this course.
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

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

The lectures are designed to prepare the student with the base knowledge to complete a systematic review on a physical therapy related research topic. If you have any questions, contact the course instructor or the course coordinator. 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 PT7500

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<th>Topic</th>
<th>Interaction</th>
<th>Grp(s)</th>
<th>Instructor(s)</th>
<th>Total hours</th>
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<tr>
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<td>Systematic Review</td>
<td>Lecture</td>
<td></td>
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<td>Library Searches</td>
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<td>Weekly meetings</td>
<td>During 5 week Placement Block</td>
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<td>DK</td>
<td>2x10 weeks</td>
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<td>Poster Presentation</td>
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</tbody>
</table>

Course Evaluation Methods

This is a **pass or fail** course normally requiring the completion of a scientific paper and a poster presentation of research, as well all students will be required to attend the CORS student research day in June 2020 and present the poster findings of the project.

The first draft of the paper must be submitted by December 20, 2019. The final paper and poster must be submitted by February 1, 2020 (12 midnight).
Appendix

Plagiarism and cheating:

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

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

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

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

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

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

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

University of Manitoba Libraries (UML)

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

Section (b): Mental Health Services

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

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

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

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

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

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

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

Section (c): Copyright Issues

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

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

Your rights and responsibilities

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

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

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

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

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

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

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

  **Violent or Threatening Behaviour**
  

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

  More information and resources can be found by reviewing the Sexual Assault site [http://umanitoba.ca/student/sexual-assault/](http://umanitoba.ca/student/sexual-assault/)
For information about rights and responsibilities regarding **Intellectual Property** view the policy [http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site [http://umanitoba.ca/faculties](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](mailto:student_advocacy@umanitoba.ca)