

The University of Western Ontario  
School of Health Studies

Rehabilitation Science 4810A  
Evidence Based Practice in Rehabilitation

Instructor: Peter Theodosopoulos, MSc (Kin), DPT, CertMDT September 2011  
Email: ptheodo@uwo.ca  
Office Room Number: TBD  
Office Hours: By Appointment  
Times and Location: Wednesday 7:00pm 10:00pm – HSB 35

### PrerequisiteChecking

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

### COURSEDESCRIPTION

HS4810A provides students with the foundational knowledge and skills necessary to conscientiously, explicitly, and judiciously use current best evidence in making clinical decisions. This course focuses on the components of evidence based practice, formulation answerable clinical questions, and accessing and evaluating professional information as presented in journal articles, abstracts, internet sites, and textbooks. As well, students will develop algorithms for making and analyzing clinical decisions based on available professional literature.

course,

the student will be able to:

1. Define evidence based practice and critique its use
2. Use the PICO system to develop answerable clinical questions
3. Access and critically evaluate information from a wide range of electronic and paper sources.
4. Critically evaluate published studies and abstracts related to rehab practice, research, and education
5. Perform clinical decision making, including clinical reasoning, clinical judgment and begin to demonstrate reflective practice and identify the principles of clinical decision making in the delivery of patient/client care.

Database Websites:

PubMed (<http://www.pubmed.gov>)

Cochrane Database of Systematic Reviews (<http://www.cochrane.org>)

National Guidelines Clearing House (<http://www.guidelinesTD0Tc@003emC1scn.30050T7t.306QTD.0005wn2382e8ln0TD262..22>)

## EVALUATION

Nuts/Bolts Quiz	5%	Grade Distribution:
PICO Assignment	5%	A = 80-100
Presentation 1	20%	B = 70-79
Presentation 2	20%	C = 60-69
Participation	10%	D = 50-59
Final Exam	40%	F = Below 50

## COURSE POLICIES AND PROCEDURES

*Course Website*: The course website should be your primary source of information regarding course content and procedures (outside of lecture).

*Bulletin Board / Lecture*: You are expected to attend every class as all material, including videos and guest speakers will be part of the course evaluation

*Assignments*: All assignments must be physically handed in at the beginning of class. Emailed assignments, or assignments turned into the health science main office, will be discarded. Late assignments will not be accepted for any reason (i.e. you will receive zero for the assignment).

## LECTURE AND TOPIC SCHEDULE

*Changes to this lecture schedule will be announced in class and on the course website. All lecture overheads will be available for download (from course website), one week prior to lecture, and so it is expected that you will obtain printouts of the overheads prior to attending the lecture. Additional assigned readings will be uploaded to the course website one week in advance.*

DATE	WEEK	TOPIC
Sept 14	1	Orientation What is Evidence Based Practice (Myths/Concepts) EBP characteristics
Sept 21	2	PICO activities/ <i>Case Study Assignment (5%) due following week</i> Study Designs (RCTs, Cohort etc)
Sept 28	3	QUIZ– Nuts and Bolts of Research(5%) Evidence in the Literature Guidelines for Therapy Projects(Abstract Screening)
Oct 5	4	Marissa Mitchell Literature Searching Strategies (Taylor Lib) Fibromyalgia and Pool Therapy (Making Sense of Literature)
Oct 12	5	Presentation A – Therapy(20%)
Oct 19	6	Presentation B – Therapy(20%)
Oct 26	7	Outcome Measures/Professional Communication Diagnosis
Nov 2	8	Diagnosis Guidelines for Diagnosis Projects
Nov 9	9	Therapy and Harm
Nov 16	10	Prognosis <del>Assignment</del>

## ADDITIONAL STATEMENTS

### Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit <http://www.uwo.ca/univsec/board/code.pdf>

detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

2. Computer marked multiple choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

### **Support Services**

There are various support services around campus and these include, but are not limited to:

1. Student Development Centre -- <http://www.sdc.uwo.ca/ssd/>
2. Student Health -- <http://www.shs.uwo.ca/student/studenthealthservices.html>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>