



UNIVERSITY OF BRIDGEPORT COLLEGE OF CHIROPRACTIC
SYLLABUS

Course Number: DX 612 and DX 612L

Course Title: Diagnostic Skills I: Orthopedic Examination of the Spine, Pelvis, and Extremities

Semester: Fall 2008

Instructor: James J. Lehman, DC, MBA, DABCO

Email: JLehman@Bridgeport.edu

Office: Chiro 101

Telephone: 505.238.9501

Office Hours:

(Please e-mail or telephone for appointment)

Laboratory Co-Instructors: Saporito, Kelly, and Coulis

Lecture hours/week: Two (2)

Laboratory hours/week: Four (4)

Prerequisites/Co-requisites: AN526, TE522, PP524

Catalogue description: These lecture and laboratory courses emphasize the use of evidenced-based orthopedic evaluation procedures. Students are introduced to an organized clinical thought process that prepares them to perform appropriate evaluation procedures of patients presenting with neuromusculoskeletal conditions. The entire SOAP process is taught in order to enable the student to expedite the examination process, reveal subjective and objective findings, create an accurate diagnosis, and generate comprehensive record keeping.

Required texts: Cipriano JJ, Photographic Manual of Regional Orthopaedic and Neurological Tests. —4th. Ed., United States, Lippincott Williams & Wilkins

Recommended texts: 1. Evans RC, Illustrated Orthopedic Physical Assessment, United States: Mosby, 2001

2. Hoppenfeld S, Orthopaedic Neurology: A Diagnostic Guide to Neurologic Levels. United States, Lippincott, Williams & Wilkins

Description of evaluation methods:

Lecture: Final lecture grades are based upon homework quizzes (20% of final grade), classroom quizzes (10% of final grade), and two written examinations (70% of final grade).

Laboratory: Final laboratory grades are based upon participation (20% of final grade) and two practical examinations (80% of final grade).

Grading procedures:

The grading scale is as follows:

A	90-100%	C+	75-79.9%	F	0-59.9%
B+	85-89.9%	C	70-74.9%		
B	80-84.9%	D	60-69.9%		

Attendance policy: As per UBCC policy, prompt attendance is required. Missing 15 minutes or more of any hour of class (arriving late and/or leaving early) will be considered an absence. A student absent more than 10% of the class meetings without a valid excuse may have his/her grade lowered one letter grade. Excused absences are limited to acute illness with a doctor's note, death in the immediate family, or religious holidays. Appropriate documentation is required. Absences totaling 20% or more of the class meetings – whether excused or not – will result in automatic failure of the course.

Makeup examinations: If a student misses an examination, a makeup examination will be given only if all of the following criteria are met:

1. The student provides documentation of an acute illness, death in the immediate family, or religious holiday.
2. The makeup examination is taken no later than seven calendar days after the missed examination unless other arrangements have been made.

It is the student's responsibility to contact the instructor and schedule the makeup examination. Failure to meet the above criteria will result in a grade of 0% for the missed examination.

Student conduct and class policies

- The goal of this course is to prepare the student to be a doctor; consequently, students are required to exhibit appropriate professional behavior and conduct in class.
- Cell phones and pagers must be set to silent mode.
- Any classroom behavior disruptive to the instructor or to other students is inappropriate and will not be tolerated.

Laboratory

Full participation will be permitted only after an examination is completed, clearance by a UBCC Clinician is given, and an Informed Consent document is signed. Both the student and the instructor will be informed of any contraindications or precautions to participation.

Furthermore, if ever a student develops or suspects he or she may be developing a possible health condition that may be a precaution or contraindication to full laboratory participation, he/she must immediately tell the instructor and be re-examined before participating in the class. Instructors will inform the Associate Dean and an examination or referral will be arranged through the Student Clinic Coordinator.

UBCC policies

This course abides by UBCC policies and these govern important aspects of professional conduct. As a reminder, please be aware that inappropriate test taking behavior is defined as any action, either overt or covert, on the part of a student taking the examination, which is deemed unacceptable by the faculty member or proctors in attendance. Penalties for cheating and other forms of unprofessional conduct include dismissal from the program. Please refer to the current UBCC student handbook for further details.

Course Objectives: At the end of this course, students should be able to:

1. Correlate anatomy and the patients' signs and symptoms in order to locate the neuromuskuloskeleatal lesion(s).
2. Comprehend and practice concepts of "Evidence-based orthopedic medicine."
3. Organize a clinical thought process while performing an orthopedic evaluation.
4. Rule-in or rule-out pathologies that might present as neuromuskuloskeletal complaints with the use of orthopedic testing.
5. Approach each patient's health problem with the concern of a physician-healer.
6. Implement the scientific method and integrate the use of an evaluation protocol practiced by contemporary chiropractic physicians.
7. Elicit a focused orthopedic history.
8. Perform orthopedic examinations while utilizing appropriate protocols.
9. Record orthopedic examinations while utilizing the SOAP process.
10. Develop working diagnoses through careful assessment and intelligent use of orthopedic testing.

Weekly Class Schedule

1. Clinical Assessment Protocol, August 11, 2008
2. Postural Assessment, August 18, 2008
3. Cervical Orthopaedic Tests, August 25, 2008
4. Labor Day, September 1, 2008
5. Cervical Orthopaedic Tests, September 8, 2008
6. Lumbar Orthopaedic Tests, September 15, 2008
7. Lumbar Orthopaedic Tests, September 22, 2008
8. Thoracic Orthopaedic Tests September 29, 2008
9. Practical Examination, September 29 – October 1, 2008
10. Mid-term Examination, October 6, 2008
11. Sacroiliac Orthopaedic Tests, October 13, 2008
12. Hip Joint Orthopaedic Tests, October 20, 2008
13. Shoulder Orthopaedic Tests, October 27, 2008
14. Elbow Orthopaedic Tests, November 3, 2008
15. Wrist Orthopaedic Tests, November 10, 2008
16. Knee Joint Orthopaedic Tests, November 17, 2008
17. Ankle Orthopaedic Tests, November 24, 2008
18. Thanksgiving Holiday, November 26-28, 2008
19. Miscellaneous Orthopaedic Tests and Review, December 1, 2008
20. Final Practical Examination, December 1-4, 2008
21. Final Examination, December 8, 2008

Lab Protocols

1. Be prepared to receive and perform physical examinations.
 - a. Wear a gown and shorts that provide access to skin
 - b. Textbook is mandatory at each lab session
 - c. Clipboard, black ink pen, and paper
 - d. Hand sanitizer
 - e. Diagnostic equipment should be available with each session
 - i. Goniometers
 - ii. Sphygmomanometer and cuff
 - iii. Tuning fork C128 or C 256
 - iv. Cloth tape measure
 - v. Stethoscope

Plagiarism and Cheating

Plagiarism includes the intentional as well as inadvertent failure to acknowledge sources as well as the use of commercially available so-called “research papers” without full recognition of the source.

In papers, students are responsible for distinguishing clearly between one’s ideas, conclusions, discoveries, etc. from those read or heard. The use of phrases or clauses may, in the particular context in which they appear, constitute improper use, even in the absence of extended word for word copying of the language of another author.

Cheating on tests and plagiarism will result in failure of the course.