

**EMPEROR'S COLLEGE  
MTOM COURSE SYLLABUS  
ACUPUNCTURE ORTHOPEDICS**

COURSE DESCRIPTION

Orthopedics, traumatology and pain management are some of the most common conditions acupuncturists will see as clinical practitioners. In this course, students will learn to diagnose musculoskeletal complaints and treat them using acupuncture, manual therapies, and exercise.

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LEARNING OBJECTIVES

OUTCOMES & OBJECTIVES

1. This course will provide an overview of the various evaluation procedures associated with the neuro-musculoskeletal conditions commonly seen in the LAc's clinical practice.
2. Upon completion, the student will be capable of performing a basic orthopedic assessment, including history, physical examination and ortho-neuro tests; be familiar with the relevant radiologic and medical laboratory tests; be able to correlate these findings to determine a working western diagnosis. Be familiar with acupuncture and trigger points related to treatment of sciatica.
3. Indications for referral to other health care specialists for co-care of patients will be provided.

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COURSE PREREQUISITES

Western Physical Assessment, Mid-Curriculum Exam

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REQUIRED TEXTS

1. Dr. Thornton's Lecture Notes with Orthopedic Tests Summary (Class website)

Lecture notes can be downloaded at the yahoo group for this course. You will need notes beginning with the first class:  
<https://groups.yahoo.com/neo/groups/ECTOM-ORTHO/info>

Please join this group to have access to the notes, exam reviews and on line articles

If you have difficulty joining, please send me an email and I will send an invitation (drwthornton@hotmail.com)

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RECOMMENDED TEXTS

1. Physical Examination of the Spine and Extremities, Staley Hoppenfeld, Prentice Hall
  2. Orthopedic Neurology, Stanley Hoppenfeld, Lippincott-Raven
  3. Illustrated Essentials in Orthopedic Physical Assessment, Ronald Evans, Mosby
  4. Orthopedic Neurology, Stanley Hoppenfeld, Lippincott-Raven
  5. Orthopedic Physical Assessment, David Magee, Saunders
  6. Musculoskeletal Disorders, Alon Marcus, North Atlantic Books
  7. The Musculoskeletal System, Philip Sambrook, Churchill Livingstone
  8. The Treatment of Pain with Chinese Herbs and Acupuncture, Sun Peilin, Churchill Livingstone
  9. Handbook of Acupuncture in the Treatment of Musculoskeletal Conditions, Lu Shaojie, Donica
  10. Master Tong's Acupuncture, Miriam Lee, Blue Poppy Press
  11. Acupuncture in the Treatment of Musculoskeletal Conditions, Chris Norris, Butterworth Heinemann
  12. Instant Access to Orthopedic Physical Assessment, Ronald Evans, Mosby
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COURSE REQUIREMENTS

Weekly quizzes: to determine proficiency and need for additional study, practice.

50% = Mid term Examination (written/practical)

50% = Final Examination (written/practical)

A minimum score of 70% is required to individually pass the midterm and final exams. Less than 70% on either exam will result in course failure. Students who fail the midterm or final exam, will be offered a remediation exam, which will be on the same material but more challenging. Failure to pass remediation will result in course failure and requirement to re-register and repeat the course.

Attendance: two late (2) arrivals and/or early departures, including return from breaks, of more than 15 minutes equals one absence.

Food: No food consumption allowed during class, except during breaks.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

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SPECIAL NOTES

Weekly: Demonstration/Practice Orthopedic tests

**Professionalism and Full and Prompt Attendance:** To pass any course (separate from academic performance) all students must meet requirements for professionalism in coursework. Professionalism includes full and prompt attendance: Students who miss more than 2 class meetings in a 10-week course will earn an F in that course. Additionally, students who arrive more than 15 minutes to class or leave class before it ends will be marked tardy. Two tardies equal one absence. NOTE: Students who leave and return to class late from a break or leave during the class (especially if this is repeated) or who disrupt the class in other ways may be referred to the Academic Dean for professionalism.

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CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)

Introduction and overview, brief review of Assessment, Instrumentation, Anatomy

The Cervical Spine

The Shoulder

The Elbow

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CLASS TWO

The Thoracic Spine

Lumbar Spine

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CLASS THREE

The Forearm, Wrist, and Hand

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CLASS FOUR

Pelvis

SI Joint

Hip, Knee, Lower Extremity

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CLASS FIVE

MIDTERM EXAM (written)

Demonstration/Practice Orthopedic Tests

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CLASS SIX

Trigger Points - ( Dr. Kessler )  
(with demo)

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CLASS SEVEN

Trigger Point Lab - ( Dr. Kessler )  
Student Needling Practice

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CLASS EIGHT

Sciatic nerve diagnosis - ( Dr. Kessler )

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CLASS NINE

Sciatic nerve diagnosis - ( Dr. Kessler )  
Examination and exercise Demo

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CLASS TEN

Finish sciatic nerve diagnosis - ( Dr. Kessler )  
Student workshop practicing examination procedures and therapeutic exercises

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CLASS ELEVEN

Final Exam - Written

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REFERENCE MATERIAL

drwthornton@hotmail.com  
dr.dennis.kessler@gmail.com

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FACULTY INFO

Please check with instructor during class to get updated contact info.