

Fall 9-1-2000

PT 595.02: Applied Clinical Anatomy and Kinesiology Teaching

Richard L. Gajdosik

University of Montana - Missoula

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Gajdosik, Richard L., "PT 595.02: Applied Clinical Anatomy and Kinesiology Teaching" (2000). *Syllabi*. 5400.
<https://scholarworks.umt.edu/syllabi/5400>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

PT 595 - APPLIED CLINICAL ANATOMY & KINESIOLOGY TEACHING
(Fall, 2000)

I. Credits: 2 Clock Hours: 4 each week
Prereq., PT 464, 465, 536, 537

II. Class Meets: Tuesday: 8:10-10:00,
Thursday: 1:10- 4:00
Presentations: Each of the 3 students will present 6 Palpation
Demonstrations (10 min each) in Tuesday labs, and
8 Cadaver Orientations (10 min each) in Thursday Labs.

III. Professor: Rich Gajdosik, Work - 243-5183/4753, Home - 251-0266
(Please feel free to call for help in the lab)

IV. Course Description: Teaching experience in practical application of clinical anatomy and kinesiology. Students present palpation orientation to salient body regions and briefly discuss applied clinical anatomy and kinesiology, and present orientation to the applied clinical anatomy of key body regions in the Cadaver Anatomy Laboratory. Students also provide teaching assistance in surface anatomy, basic muscle testing, functional analysis of movement, applied clinical anatomy, radiology, cadaver prosections, and maintaining organized, clean and neat laboratories.

V. Required Textbooks and Materials:

PT 465 Lab Manual (Revised Fall, 2000): Purchased at University Book Store

Colborn GL, Lause DB: Musculoskeletal Anatomy; A Text and Guide for Dissection for Students in the Allied Health Sciences. The Parthenon Publishing Group, New York, 1993

Gross Anatomy Textbooks (Moore's Clinical Anatomy & Brunstrom's Clinical Kinesiology)

Gross Anatomy Atlas by Netter

A long white clean laboratory coat!!!! Please wash weekly

Tools: Erasable marking pen, tweezers, probe, rubber gloves

VI. Evaluation Procedures: Grades determined by the instructor's evaluation of the quality of oral and practical presentations (including clarity of thought and communication, and organization. Grading will be A, B, C, F.

VII. Teaching Methods and Learning Experiences: Students sign-up for presentations at the beginning of the semester. All presentations will be reviewed for content by the instructor prior to delivery. Constructive feedback will follow each presentation.

Course Schedule for Tuesday 8:10-10:00 Laboratory

Week Number (Dates) and Demonstration Sign-up

- 1 (Sept 5) Introduction to Radiology, (B & VC I)
Spinal Column and Musculature
- 1) Palpating the cervical spine: _____
 - 2) Palpating the lumbar spine: _____
- 2 (Sept 12) Vertebral Canal and Contents (B & VC II)
- 1) Mini Lecture on CNS & PNS: Rich
- 3 (Sept 19) Thoracic Cage and Pectoral Region, The
Anterior Abdominal Wall
- 1) Finding the coracoid process: _____
 - 2) Separating movements of humerus and scapula: _____
- 4 (Sept 26) Axilla, Shoulder Girdle, Shoulder Muscles, Associated Nerves (UL I & II)
- 1) Movements of the clavicle: _____
 - 2) Finding the brachial plexus in the posterior triangle: _____
 - 3) Identifying the teres major and teres minor muscles: _____
- 5 (Oct 3) Flexor and Extensor Compartments of Arm, Shoulder Joint (UL III)
- 1) Finding the lesser tuberosity, intertubercular groove &
greater tuberosity: _____
- 6 (Oct 10) Flexor Surface of Forearm and Hand (UL IV)
- 1) Palpating the elbow and related structures: _____
 - 2) Finding the pronator teres muscle: _____
- 7 (Oct 17)
of MIDTERM RADIOLOGY EXAM, PALPATION EXAM (Scheduled outside
class time)
Lab Second hour: Palm (UL V)
- 1) Palpating the carpal bones: _____
- 8 (Oct 24)
VI) Extensor Surface of Forarm and Hand: Joints of Elbow, Wrist, Hand (UL V &
VI)
- 1) Palpating the long tendons of the thumb: _____

- 9 (Oct 31) Pelvis Osteology and Applied Clinical Anatomy: Anterior, Lateral, and Medial Aspects of Thigh (Pelvis & LL I)
- 1) Reconstructing the ligaments of the pelvis: _____
 - 2) Palpating the tensor fascia lata muscle & iliotibial band: _____
- (Nov 7) Election Day Holiday
- 10 (Nov 14) Gluteal Region, Hip, Posterior Thigh, Popliteal Fossa, Posterior Compartment of Leg and the Knee Joint (LL II & III)
- 1) Palpating the greater trochanter: _____
 - 2) Functions of the hip abductors: _____
 - 3) Palpating the menisci, collateral ligaments & knee flexor tendons: _____
- 11 (Nov 21) Anterior and Lateral Compartment of Leg, Dorsal Surface of Foot (LL IV)
- 1) Palpating the tibialis anterior muscle & functions: _____
- 12 (Nov 28) Plantar Surface of Foot, Ankle Joint (LL V)
- 1) Palpating the medial aspect of the foot and ankle: _____
- 13 (Dec 5) Study, Review and Practice (Palpation, Radiology, Cadaver Lab)
- 14 (Dec 12) Study, Review and Practice (Palpation, Radiology, Cadaver Lab)
NOTE: Palpation/Practical Exams Start this week

**PT 595: Anatomy and Kinesiology Teaching
CADAVER PRESENTATIONS SIGN-UP SHEET
(Fall Semester, 2000)**

Students attend at least 2 hours each week on Thursday from 1:10-4:00 pm.

Week Number, Date & Times

Student Names

1) Sep 14: Two students

2) Sept 21: Two students

3) Sept 28: Two students

4) Oct 5 : Two students

5) Oct 12 : Two students

6) Oct 19 : Two students

7) Oct 26: Two students

8) Nov 2: Two students

9) Nov 9: Two students

10) Nov 16: Two students

11) Nov 30: Two students

12) Dec 7: Two students