Fall 9-1-2000

PT 465.01: Applied Clinical Anatomy and Kinesiology Laboratory

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PT 465 - APPLIED CLINICAL ANATOMY AND KINESIOLOGY LABORATORY  
(Fall Semester, 2000)

I. Credits: 1 Credit, Clock Hours ± 55, Coreq. with PT 464

II. Class Meets:  
   T - 8:10-10:00, SB 020  
   Th - 1:10-2:00, 2:10-3:00 or  
   3:10-4:00 in SB 042 (Class divided into 3 sections)

III. Professor: Rich Gajdosik, Office SB 103  
     Phone: (W) 243-4753/5183 (H) 251-0266

IV. Course Description: Clinical applications of PT 464. Laboratory time for practical  
   applications includes prosected cadavers, surface anatomy, basic muscle testing, functional  
   analysis of movement, applied clinical anatomy, and radiology.

V. Required Textbooks & Equipment: As required for PT 464 Plus:  
   Laboratory Manual compiled by RL Gajdosik - Available for purchase at UC Bookstore  
   (Listed under PT 465)  
   Atlas of Human Anatomy by Frank Netter  
   Erasable marking pen, Long white clean lab coat, rubber gloves & probe for anatomy lab

VI. Examinations and Grading Procedures:  

   Midterm Radiology Exam - Not counted  
   Midterm Palpation Exam - Pass/No Pass (>70 %)  
   Final Radiology Exam - 50 points  
   Final Cadaver Exam - 50 points  
   Final Palpation/Practical Exam - 50 points

   Total 150 points

Grades are based on the total percentage of points:  
90-100% = A  
80-89% = B  
70-79% = C

The passing level is ≥ 70% on each test.
VII. **Teaching methods and learning experiences:** Demonstrations, cadaver presentations, independent learning using cadavers, radiographs, laboratory partners for palpation models, questions and answers, and quizzes and tests.

**Course Schedule:** Readings outlined for PT 364 correspond to content areas for each laboratory

**Week Number (Dates): Tuesday Mornings, 8:10-10:00, SB 020; Contents=Lab Manual**

1 (Sept 5) Introduction to Radiology, (B & VC I)
   - Spinal Column and Musculature

2 (Sept 12) Vertebral Canal and Contents (B & VC II)

3 (Sept 19) Thoracic Cage and Pectoral Region, The Anterior Abdominal Wall

4 (Sept 26) Axilla, Shoulder Girdle, Shoulder Muscles, Associated Nerves (UL I & II)

5 (Oct 3) Flexor and Extensor Compartments of Arm, Shoulder Joint (UL III)

6 (Oct 10) Flexor Surface of Forearm and Hand (UL IV)

7 (Oct 17) MIDTERM RADIOLOGY EXAM, PALPATION EXAM (Scheduled outside of class time)
   - Lab Second hour: Palm (UL V)

8 (Oct 24) Extensor Surface of Forearm and Hand: Joints of Elbow, Wrist, Hand (UL VI)

9 (Oct 31) Pelvis Osteology and Applied Clinical Anatomy: Anterior, Lateral, and Medial Aspects of Thigh (Pelvis & LL I)

   (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)

11 (Nov 21) Anterior and Lateral Compartment of Leg, Dorsal Surface of Foot (LL IV)

12 (Nov 28) Plantar Surface of Foot, Ankle Joint (LL V)

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

**Finals Week**

FINAL RADIOLOGY EXAM AND FINAL CADAVER EXAM
   (NOTE: FINAL PALPATION PRACTICAL will be scheduled before and during finals week)
Week Number (Dates): Thursday Afternoons, In Anatomy Laboratory, SB 042
1:10-2:00, 2:10-3:00 or 3:10-4:00,

1 (Sept 7) No class
2 (Sept 14) Back Muscles associated with the Upper Limb
3 (Sept 21) Breathing muscles & muscles of the back proper
4 (Sept 28) Spinal cord & suboccipital triangle
5 (Oct 5) Pectoral region, breast & anterior abdominal wall
6 (Oct 12) Deltoid & scapular region
7 (Oct 19) Axilla & brachium
8 (Oct 26) Antebrachium
9 (Nov 2) The hand
10 (Nov 9) Posterior abdominal wall & thigh (ant, lat, med)
11 (Nov 16) Gluteal region & posterior thigh
12 (Nov 30) Knee & leg
13 (Dec 7) The foot
14 (Dec 14) Study & Review for final exam

NOTE: Palpation/Practical Exams Start this week