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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 \pm 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 ($\geq 70\%$)

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 $\geq 70\%$ 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 Forarm 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 |