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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, 2001)

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

II. **Class Meets:** T - 10:10-12:00, SB 020
Th - 1:10-2:00, 2:10-3:00 or
3:10-4:00 in SB 050 (Anatomy Laboratory)(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 (\nexists 70 %)

Final Radiology Exam - 50 points

Final Cadaver Exam - 50 points

Final Palpation/Practical Exam - 50 points

Total	150 points
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Grades are based on the total percentage of points:

90-100% = A

80- 89% = B

70- 79% = C

The passing level is \nexists 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, 10:10-12:00, SB 020; Contents=Lab Manual**

1 (Sept 4)	Introduction to Course and Radiology
2 (Sept 11)	Spinal Column and Musculature (B & VC I)
3 (Sept 18)	Vertebral Canal and Contents (B & VC II)
4 (Sept 25)	Thoracic Cage and Pectoral Region, The Anterior Abdominal Wall
5 (Oct 2)	Axilla, Shoulder Girdle, Shoulder Muscles, Associated Nerves (UL I & II)
6 (Oct 9)	Flexor and Extensor Compartments of Arm, Shoulder Joint (UL III)
7 (Oct 16)	Flexor Surface of Forearm and Hand (UL IV)
8 (Oct 23)	MIDTERM RADIOLOGY EXAM (1 st hr), PALPATION EXAM (Scheduled outside of class time) Lab Second hour: Palm (UL V)
9 (Oct 30)	Extensor Surface of Forearm and Hand: Joints of Elbow, Wrist, Hand (UL VI)
10 (Nov 6)	Pelvis Osteology and Applied Clinical Anatomy: Anterior, Lateral, and Medial Aspects of Thigh (Pelvis & LL I)
11 (Nov 13)	Gluteal Region, Hip, Posterior Thigh, Popliteal Fossa, Posterior Compartment of Leg and the Knee Joint (LL II & III)
12 (Nov 20)	Anterior and Lateral Compartment of Leg, Dorsal Surface of Foot (LL IV)
13 (Nov 27)	Plantar Surface of Foot, Ankle Joint (LL V)
14 (Dec 4)	Muscles of Facial Expression & Cranium (Lab outline to be developed)
15 (Dec 11)	Cranium cont. & Cranial Nerves (Lab outline to be developed) NOTE: Final 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 050
1:10-2:00, 2:10-3:00 or 3:10-4:00,

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|-------------|--|
| 1 (Sept 6) | Onsite orientation to Anatomy Lab (SB 050) |
| 2 (Sept 13) | Back Muscles associated with the Upper Limb |
| 3 (Sept 20) | Breathing muscles & muscles of the back proper |
| 4 (Sept 27) | Spinal cord & suboccipital triangle |
| 5 (Oct 4) | Pectoral region, breast & anterior abdominal wall |
| 6 (Oct 11) | Deltoid & scapular region |
| 7 (Oct 18) | Axilla & brachium |
| 8 (Oct 25) | Antebrachium |
| 9 (Nov 1) | The hand |
| 10 (Nov 8) | Posterior abdominal wall & thigh (ant, lat, med) |
| 11 (Nov 15) | Gluteal region & posterior thigh |
| 12 (Nov 29) | Knee & leg |
| 13 (Dec 6) | The foot |
| 14 (Dec 13) | Muscles of facial expression, cranium and brain & Review for final exam
NOTE: Palpation/Practical Exams Start this week |