PT 566.01: Advanced Anatomy Laboratory

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PT 566 - ADVANCED ANATOMY LABORATORY
(Fall, 2002 & Spring, 2002)

I. **Credits:** 1     Clock Hours: Arrange 4-6 each week
Prereq., PT 464, 465, 536, 537

II. **Class Meets:** Monday-Friday: 8:00-5:00,
    Evenings and Weekends Arranged
    Presentations: One Hour Each Week, Wednesday: 1:00-2:00

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

IV. **Course Description:** Independent regional dissection and study of the back, posterior neck,
thoracic and abdominal walls, upper limb, and lower limb, including
clinical correlates. Students present dissections and current clinical
research (within the last 5 years) related to the areas of dissection.

V. **Required Textbooks and Materials:**

    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 & Brunnstrom's Clinical Kinesiology)

    Appropriate published articles (within last 5 years)

    **A long white clean laboratory coat:** Please wash weekly

    Students must provide their own rubber dissection gloves

    Dissection Tools: scalpel, tweezers, probe

VI. **Evaluation Procedures:** Each student will present at least two dissections. Grading determined
by the instructor's evaluation of the quality of the dissections, oral presentations (including
breadth and depth of knowledge), and results of a practical cadaver identification exam
(Grading will be A (\(\checkmark\)+), B (\(\checkmark\)), and No Pass (\(\checkmark\)-), passing level is \(\geq\) 70% on Written Final
Exam).

VII. **Teaching Methods and Learning Experiences:** Independent dissections, dissection
presentations, research article presentations, questions and answers, and examination.
THE BACK AND NECK

February 6 : Orientation to Laboratory and Dissection (Chapter 1: General Anatomy)

1) February 9  C2: The Skin and Muscles of Back Concerned with the Upper Limb

2) February 16 C2: Respiratory Muscles and Muscles of Back Proper

3) February 23 C3: The Spinal Cord and Suboccipital Triangle

THE UPPER LIMB

4) March 2  C4: Pectoral Region and Breast (Plus Anterior Abdominal Wall)

5) March 9  C5: Deltoid and Scapular Region

6) March 16 C6: The Axilla and Brachium

   Spring Break: March 19-23

7) March 30 C7: The Antebrachium

8) April 6  C8: The Hand

LOWER LIMB

9) April 13 C10: The Thigh (Plus Posterior Abdominal Wall)

10) April 20 C11: The Gluteal Region and Posterior Thigh

11) April 27 C12: The Leg (Plus Knee)

12) May 4  C13: The Foot

Exam : Friday, May 11, 1:10-2:00 PM

NOTE: Include joint anatomy where appropriate