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 (√+), B (√), and No Pass (√-), passing level is ≥ 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

September 5 (W) : Orientation to Laboratory and Dissection (Chapter 1: General Anatomy)

September 12 (W) C2: The Skin and Muscles of Back Concerned with the Upper Limb

September 19 (W) C2: Respiratory Muscles and Muscles of Back Proper

September 26 (W) C3: The Spinal Cord and Suboccipital Triangle

THE UPPER LIMB

October 3 (W) C4: Pectoral Region and Breast (Plus Anterior Abdominal Wall: Not in Lab Manual)

October 10 (W) C5: Deltoid and Scapular Region

October 17 (W) C6: The Axilla and Brachium

October 24 (W) C7: The Antebrachium

October 31 (W) C8: The Hand

LOWER LIMB

November 7 (W) C10: The Thigh (Plus Posterior Abdominal Wall)

November 14 (W) C11: The Gluteal Region and Posterior Thigh

November 21 (W) C12: The Leg (Plus Knee)

November 28 (W) C13: The Foot

Final Exam : To be scheduled at students’ earliest convenience

NOTE: Include joint anatomy where appropriate
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