

University of Montana

ScholarWorks at University of Montana

Syllabi

Course Syllabi

Fall 9-1-2001

PT 464.01: Applied Clinical Anatomy and Kinesiology

Richard L. Gajdosik

University of Montana - Missoula

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Let us know how access to this document benefits you.

Recommended Citation

Gajdosik, Richard L., "PT 464.01: Applied Clinical Anatomy and Kinesiology" (2001). *Syllabi*. 6269.

<https://scholarworks.umt.edu/syllabi/6269>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

PT 464 - APPLIED CLINICAL ANATOMY AND KINESIOLOGY
(Fall Semester, 2001)

- I. **Credits:** 4 Credits, Clock Hours = 56
- II. **Class Meets:** MF - 10:10-11:00, CP 204
W - 10:10-12:00, CP 204
- III. **Professor:** Rich Gajdosik, Office SB 103
Phone: (W) 243-5183/4753
(H) 251-0266
- IV. **Course Description:** Anatomy and kinesiology of the neuromusculoskeletal system in relation to movement, function and clinical correlates.

V. **Required Textbooks:**

Moore KL: Clinically Oriented Anatomy, 3rd Ed., Williams and Wilkins, Baltimore, MD, 1992

Smith LK, Weiss EL, Lehmkuhl LD: Brunnstrom's Clinical Kinesiology, 5th Ed., F. A. Davis Company, Philadelphia, PA, 1996 (Optional: must be ordered)

Dorland's Illustrated Medical Dictionary (Curricular Text)

VI. **Course Requirements, Examinations and Grading Procedures:**

- 1) Midterm Written Exam - 100 Points
- 2) Final Written Exam - 200 Points

300 Points Total

Grades will be 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:** Lectures and demonstrations with the use of slide projections, overhead projections and models, and the use of films, quizzes, tests, questions and answers, and independent study (primary method of learning).

VII. Course Schedule: Readings from KL Moore (4th Ed)

Orientation to PT 464 and PT 465

Skeletal Muscle Anatomy and Physiology; Towards the understanding of the Interaction of Mechanical and Physiological phenomena. (Background reading pp 1-58)

Spinal Column and Musculature (pp 432-499)

Vertebral Canal and Contents (pp 432-499 cont.)

Thoracic Cage and Pectoral Region, The Anterior Abdominal Wall (pp 62-94, 175-208)

Axilla, Shoulder Girdle, Shoulder Muscles, Associated Nerves (pp 665-720)

Flexor and Extensor Compartments of Arm, Shoulder Joint, Flexor Surface of Forearm and Hand (pp 720-741, 781-815)

Palm, Extensor Surface of Forearm and Hand: Joints of Elbow, Wrist, Hand (pp 741-781, 781-815 cont.)

MIDTERM EXAM: Scheduled about here

Pelvis Osteology and Applied Clinical Anatomy: Anterior, Lateral, and Medial Aspects of Thigh (pp 504-549)

Gluteal Region, Hip, Posterior Thigh, Popliteal Fossa, Posterior Compartment of Leg and the Knee Joint (pp 549-593)

Anterior and Lateral Compartment of Leg, Dorsal Surface of Foot, Plantar Surface of Foot, Ankle Joint (pp 449-593 cont., 593-649)

Head & Neck Anatomy [External Cranium & Cranial Vault, Scalp, Facial Muscles, Gross Brain Structures, Basic Blood Supply, Cranial Nerves from the peripheral perspective] (pp 832-1109, relative to content of lectures)

FINAL EXAM: As Scheduled by The University, Wed, Dec 19th , 8-10 AM