

Syllabus

Course Number: HPE 424

Course Name: Pre- Kinesiotherapy Clinical Practicum
Spring 2007

Instructor: Joseph Palmer
Office Location: Spaulding Gymnasium
Office Hours: MWF: 7-8, 1-2, TH: 7-8, 11-12

Phone Number: 546-8208
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Class Time 9-9:50, MWF

Text: Kottke/Lehmann, Physical Med., and Rehabilitation, Hoppenfeld, Examination of the Spine

Classroom Rules/Expectations:

To enhance the learning atmosphere of the classroom, students are expected to dress and behave in a fashion conducive to learning in the classroom. More specifically, students are to refrain from wearing clothes that impede academic learning such as but not limited to, wearing body-revealing clothing and excessively baggy pants; hats/caps headdress. Students will turn off telephones prior to entering the classroom. Students who exhibit the behaviors described above, or similar behaviors will be immediately dismissed from the class at the third documented offense. The student will be readmitted to class only following the decision by the department chair. The student may appeal the decision of the department chair to the Dean of the College offering the course, and, subsequently, to the Vice President of Academic Affairs, and then to the President of Shaw University. Third decision of the President will be final. Failure to follow the procedures herein outlined will result in termination of the appeal, and revert to the decision of the department chair.

Each behavior constructed by the teacher/professor as nonconductive to learning will be recorded, properly documented and, and appropriately reported to other student and to the chair of academic department offering the course. This report will be in written form with a copy provided to both the student and the department chair. The faculty member should retain a copy for his/her own records.

Course Description

This course, also refers to as Kinesiotherapy II, is designed to provide advance pre-therapy clinical experiences with specific concerns related to physical medicine and rehabilitation, therapeutic exercise, patient care, spine evaluations, knee tests, testing, review of muscle testing, review of professional literature, physical modalities and the indication of contraindications for their use. A variety of clinical disabilities and diseases will be discussed.

General Objectives: At the completion of this course, students should be able to

- Apply 7 applications of specific tool relative to evaluation process include areas of General Medicine and Surgery, Orthopedics, Psychiatry, Geriatrics, Spinal Cord Injury, Prevention of Developmentally Disabled Patient Population.
- Know the theory and knowledge of muscle associated upper and lower motor neuron dysfunction.
- Theory and knowledge of normal physiological responses associated to human body trauma, disease, and congenital deformity.

Specific Standards and Indicators:

- The students will be able to understand the operation of a treatment clinic
- Knowledge of policy and procedures in a clinical setting.
- Realize the importance of understanding the healing process, the biomechanics, and the psychological aspects of rehabilitation program.

Assignments: Exams and quizzes will be announced.

Week –1 Introduction to Second Semester /Evaluation of Patients

Week –2 Muscles of Mastication MS

Week –3 Parkinson Disease.

Week –4 Elbow Rehab. /Knee Evaluation

Week 5- Amputations

Week 6- Physical Examination of the Shoulder, Coronary Heart Disease

Week- 7 Physical Examination of the Hand

Week 8-Multiple Sclerosis/Evaluation

Week 9- Orthopedic disorders, arthroplasty, chondromalacia, fractures, spondylosis back injuries and deformities, sports related injuries, ankylosis.

Week 10- Spinal Cord Injuries (SCI); Functional evaluation, wheelchair evaluation, SCI orthotics, orthostatic, hypertension, tilt tables, standing frames, SCI ambulation and gait.

Week 11- Carpal Tunnel Disorders, Physical examination of the Lumbar Spine

Week 12- Nervous system disorders; brain injury, spinal cord disease, upper and lower motor neuron disease, cerebral palsy (CP). Specific exercise neurological disease (i.e., cp).

Week 13- Atrophy and dystrophy, muscular dystrophy, myasthenia gravis, poliomyelitis, polyneuritis, Gullain-Barre syndrome.

Week 14- Upper Extremity prosthetics and orthotics. Upper extremity disorders; frozen shoulders, winged scapula, rotator cuff tears

Week 15- Foot and ankle disorders, Pes planus, pes cavus, hammer toes, claw toes, bunions

Week 16- S.O.A.P. notes and exercise prescriptions

EVALUATION

Quizzes	60%
Exam #1	20%
Exam #2	20%

GRADING SCALE

90-100	A
80-89	B
70-79	C
60-69	D
50-59	F

CLASS ROOM RULES/ EXPECTATIONS

- Attend class on time
- Submit assignments when due on time
- Men must remove hats in classroom
- All KT majors must have uniforms on at all times. (White shirts (lab jackets), (Black or Blue or White trousers). Shorts same color, shoes (Tennis or Dress, Color Black or White. No Jeans permitted as **attire**.)

Library Assignments: Students will be assigned to go to the library each week.