I. Catalog Description: Assessment of the head, neck, face, thorax, abdomen and thoracic and lumbar spine injuries in athletes and others engaged in physical activity. (3 credit hours)

II. Prerequisites: HL 265, 322, 383

III. Course Objectives
A. Conduct systematic and thorough evaluations of injuries to the head, face and spine
B. Conduct systematic and thorough evaluations of injuries and illnesses to the thorax and abdomen.
C. Demonstrate knowledge related to specific anatomical structures in the head, face, spine and abdominal and thoracic cavities.
D. Review and outline management and rehabilitation procedures for specific injuries to the head, neck, face, abdomen, thorax and spine.

IV. Expectations of the Student
A. Each student will complete all examinations and assignments.
B. Each student will actively participate in class, which will be evaluated randomly throughout the semester and can occur in an oral or written format.

V. Course Content
A. Cervical spine evaluation
   1. Anatomy of all bony and soft tissue structures
   2. Obtaining accurate injury history
   3. Palpation of anatomical structures
   4. Range of motion testing
   5. Manual muscle testing
   6. Special and ligamentous testing

B. Thoracic and lumbar spine evaluation
   1. Anatomy of all bony and soft tissue structures
   2. Obtaining accurate injury history
   3. Palpation of anatomical structures
   4. Range of motion testing
   5. Manual muscle testing
   6. Special and ligamentous testing

C. Posture Assessment
   1. Identify tools and positions for evaluating posture
   2. Describe items in patient history important when evaluating posture
   3. Explain the various views of observation during a postural evaluation
4. Describe postural deviations that may occur in the physically active

Thorax and abdomen evaluation

5. Anatomy of all bony and soft tissue structures
6. Obtaining accurate injury history
7. Palpation of anatomical structures
8. Heart and lung auscultations
9. Discuss the history, observation, palpation and functional tests for evaluating cardiopulmonary conditions
10. Describe cardiopulmonary conditions affecting physical activity

VI. Textbook

VII. Basis for Student Evaluation %
Examinations (4)  90
Practical Exams (2)  10

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = 59% or lower

The weight of the evaluation criteria may vary according to each instructor and will be communicated at the beginning of class.