1. Catalog Description
   a. PED 3140
   b. Injury Recognition – Upper Extremity
   c. 2-4-4
   d. Spring Semester
   e. INJ REC/UPPER
   f. A study of the relationship of the upper extremity to various injuries, assessment procedures and immediate care of those injuries.
   g. PED 2130, PED 2135, PED 2136
   h. Fall, 2004

2. Student Learning Objectives and Evaluation:
   a. Course Objectives: At the end of the course the student will be able to:
      • Assess and recognize injuries to the head and neck.
      • Assess and recognize trauma to the thoracic and abdominal cavities.
      • Assess and recognize injuries to the shoulder complex.
      • Assess and recognize postural deformities.
      • Assess and recognize injuries to the elbow and upper arm.
      • Assess and recognize injuries to the forearm, hand and wrist.
   b. Methods of assessing students’ achievement of learning objectives
      Labs – 20%
      Written Exams – 25%
      Oral Practical – 25%
      Class Assignments – 10%
      Final Exam – 20%
      TOTAL – 100%
   c. NA
   d. This is not graduate level
   e. Writing active

3. Outline of the Course (two 50-minute class sessions and 200 minutes of lab a week for 15 weeks)

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>a. General principle of assessment</td>
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<tr>
<td>2,3,4</td>
<td>b. Head and neck injuries</td>
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<tr>
<td></td>
<td>1. Anatomical structures/palpation</td>
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<td>2. Manual muscle tests/neurological assessment</td>
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<td>3. Special tests</td>
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<td>4. Mechanisms of injury/injury management</td>
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<tr>
<td>5,6</td>
<td>c. Thoracic &amp; abdominal injuries</td>
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<tr>
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<td>1. Anatomical structures/palpation</td>
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<td></td>
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<td>3. Special tests</td>
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<td></td>
<td>4. Mechanisms of injury/injury management</td>
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<td>7,8,9</td>
<td>d. Injuries to the shoulder complex</td>
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<tr>
<td></td>
<td>1. Anatomical structures/palpation</td>
</tr>
<tr>
<td></td>
<td>2. Manual muscle tests/neurological assessment</td>
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</tbody>
</table>
3. Special tests
4. Mechanisms of injury/injury management

10  e. Postural deformities
   1. Recognition of postural deviations
   2. Assessment of postural deviations
   3. Pathology of postural deviations

11,12  f. Injuries to the elbow and upper arm
   1. Anatomical structures/palpation
   2. Manual muscle tests/neurological assessment
   3. Special tests
   4. Mechanisms of injury/injury management

13,14,15  g. Injuries to the forearm, wrist and hand
   1. Anatomical structures/palpation
   2. Manual muscle tests/neurological assessment
   3. Special tests
   4. Mechanisms of injury/injury management

4. Rationale:
   a. Purpose and need:
      PED 3140 is a mandatory core course for Physical Education majors in the
Athletic Training option pursuing a national certification as an Athletic
Trainer.
   b. Justification of the level of the course:
      This course contains advanced content and is intended for students
 currently admitted into the Athletic Training Education Program. The
 prerequisites include PED 2130, PED 2135 and PED 2136.
   c. Similarity to existing course: PED 3131 which is being revised and divided
into two courses.
   d. Impact on Program: This is a required course for any student pursuing completion of
      a Physical Education degree with an option in athletic training. Students wishing to
      obtain certification as an athletic trainer must pass this course.

5. Implementation:
   a. Staff member to whom course will initially be assigned:
      • Lee Ann Price, MS, ATC/L
   b. No additional cost to student at this time
   c. Text and Supplementary Materials:
      • Kendall, Florence, McCreary, E., Provance, P.  Muscles Testing and
      • Magee, David.  Orthopedic Physical Assessment, 4th edition. Saunders,

6. Community College Transfer
   Since this is a CAAHEP accredited program, no community college transfer will be
accepted.

7. Date Approved by the Department: September 12, 2003
8. Date approved by the College or School Curriculum Committee: September 22, 2003
9. Date approved by CAA: October 23, 2003