Catalog Description
This course is an in-depth study and practice of techniques used in the assessment and analysis of injuries and conditions of the trunk and lower extremity. By recognizing the signs and symptoms and then performing and interpreting results of special tests, the student will develop methods with which to accurately evaluate and determine the extent of the injury sustained, and determine a clinical diagnosis.

Context
Pre-requisite(s) for this course include successful completion with a “C” or better in ATHP 2305: Functional Anatomy and Muscle Testing and ATHP 2310: Athletic Injuries and Orthopedic Conditions or special permission from the instructor. This course is appropriate for athletic training and rehabilitative science majors that have been admitted to the major and are in good standing with the program. This course is intended for upper level students that have met the academic requirements. The course may not be repeated for credit.

Course Overview
The purpose of this course is to provide students with the knowledge, skills, and abilities to interact and perform (a) patient interviewing to examine personal, family, and condition history; (b) appropriate inspection and analysis of body structures for abnormalities and pathomechanic dysfunctions, (c) appropriate kinesthetic palpation and analysis of body structures for abnormalities; (d) various evaluation techniques to identify functional and structural deficiencies; (e) analysis of possible differential diagnosis to make a clinical diagnosis and (f) analysis for emergent care, medical referral, and/or therapeutic interventions. This three credit hour course uses lecture, kinesthetic lab activities and current innovative technology along with course readings to prepare the student to master course content. Topics to be included in this class are diagnostic evaluation skills, patient interviewing skills, review of observation and palpation skills, and clinical decision making based on the information and evidence based practice. Students will be assessed through written examination(s), oral practical examination(s), kinesthetic lab activities, and/or problem based learning case studies. Successful completion of the course provides the student with fundamental knowledge, skills, and abilities needed to advance in their major.

Course Outcomes

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<th>Course outcomes:</th>
<th>Assessment:</th>
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<td>Upon completion of the course, students will be able to</td>
<td>The objectives will be assessed</td>
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<tr>
<td>1. Describe etiologies, pathologies, signs/symptoms, evaluative techniques, and management techniques of injuries and conditions.</td>
<td>By written examination(s) and case study participation</td>
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2. Formulate an appropriate process to assess injuries and conditions. By written examination(s) and case study participation

3. Identify, describe, and demonstrate appropriate uses for evaluative techniques required in the assessment process to recognize injuries and conditions based on evidence-based research. By case study participation, oral practical examination(s) and kinesthetic lab activities

4. Identify and analyze patient signs and symptoms to formulate an appropriate clinical examination. By written examination(s) and case study participation

5. Identify and interpret findings from the patient interview and clinical presentation to create a differential and clinical diagnosis. By written examination(s) and case study participation

6. Identify and interpret findings from the patient interview and clinical presentation to determine need for referral to a physician or dentist. By written examination(s) and case study participation

7. Analyze findings from the patient interview and clinical presentation to determine appropriate plan for therapeutic interventions. By case study participation

**Disability Statement**
The University is committed to providing a supportive, challenging, diverse, and integrated environment for all students. In accordance with Section 504 of the Rehabilitation Act—Subpart E and Title III of the Americans with Disabilities Act (ADA), the University ensures accessibility to its programs, services and activities for qualified students with documented disabilities. For more information contact the Student Disability Services Office: Director, Moises Torrescano; Academic Counselor, Cynthia Pino (Administration Building Room 105; Phone: 210-829-3997; Fax: 210-829-6078).

**Policy on Academic Integrity**
The highest standards of academic honesty are expected in the course. Forms of academic dishonesty include, but are not limited to cheating, plagiarism, counterfeit work, falsification of academic record, unauthorized reuse of work, theft, and collusion. See the Student Handbook for definitions and procedures for investigation of claims of academic dishonesty.

**Approvals**
Program Approval Date: 11/2012
School/College Approval Date: 01/2013
UGCC and Senate Approval Date: 02/2013