

# ATR - ATHLETIC TRAINING

## **ATR 5000 Seminar in Athletic Training (1 Unit)**

This course is designed to introduce the athletic training student to the athletic training program and the resources available during their 1st and 2nd year experience. During this course students will be exposed to the resources in the PLNU library as well as professional development tools (Myers Briggs/Strengths Quest.) Selected topics pertinent to the field of athletic training and applicable to all levels of the athletic training major are presented. Course includes student presentations, guest speakers, faculty speakers, and topics that are not covered in other courses in the curriculum.

Also offered as ATR 6000.

## **ATR 5005 Research Methods and Statistical Techniques for Clinical Decision Making in Sports Medicine (3 Units)**

This course will explore the variety in research design and statistics commonly used in clinical research, further developing student analytical skills needed to support professional evidence-based practice in athletic training. Students will evaluate the merit and relevance of published research to the practice of athletic training from the perspective of experimental methodology and design. This course also provides an overview of statistics including descriptive and inferential statistics and one-way ANOVA. Students should have a basic understanding of conducting library and Internet information searches prior to taking this course. Students will select a topic of interest related to athletic training, conduct a review of the literature, define a research question, and prepare and present a report to their peers. Students will complete Collaborative Institutional Training Initiative (CITI training).

Also offered as ATR 6005.

## **ATR 5087 Evidence-Based Orthopedic Assessment of the Lower Extremity (3 Units)**

This course addresses evaluation techniques and care for musculoskeletal injuries to the lower extremities for graduate-level athletic training students. The student must integrate knowledge of anatomical structures, physiology principles, and evaluative techniques to provide a basis for evidence based critical decision-making in an injury management environment.

Also offered as ATR 6087.

**Concurrent:** ATR 5087L

## **ATR 5087L Evidence-Based Orthopedic Assessment of the Lower Extremity Laboratory (1 Unit)**

This course is designed to provide students with a comprehensive hands on approach to injury evaluation and assessment of lower extremity pathologies. During this lab students will learn and begin to develop a systematic approach to injury evaluation. Students will learn special testing and injury evaluation techniques.

Also offered as ATR 6087L.

**Concurrent:** ATR 5087

## **ATR 5088 Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities (3 Units)**

This course addresses evaluation techniques and care for musculoskeletal injuries to the upper extremities and spine for graduate-level athletic training students. The student must integrate knowledge of anatomical structures, physiology principles, and evaluative techniques to provide a basis for decision-making using the current evidence in an injury management environment.

Also offered as ATR 6088.

**Concurrent:** ATR 5088L

## **ATR 5088L Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities Laboratory (1 Unit)**

This course is designed to provide students with a comprehensive hands on approach to injury evaluation and assessment of upper extremity and spinal pathologies. During this lab students will learn and begin to develop a systematic approach to injury evaluation. Students will learn special testing and injury evaluation techniques.

Also offered as ATR 6088L.

**Concurrent:** ATR 5088

## **ATR 5090 Clinical Internship I (3 Units)**

This course is the first of five required athletic training clinical education courses. Athletic training students will be evaluated on clinical integration proficiency of knowledge, skills, and abilities including: general health and fitness assessment; environmental conditions assessment; recognition of emergencies and acute injury care; and professional communication and documentation strategies. Additionally, students will be expected to build upon their acquired knowledge to actively engage in facilitated integration of skills and abilities covered in the curriculum. Students will be assigned to clinical education experiences under the direct supervision of a preceptor. Students will explore evidence-based practice and reflect upon their clinical experiences to facilitate critical thinking and clinical decision making skills development. Students must complete a minimum of 200 and a maximum of 500 clinical hours.

Also offered as ATR 6090.

"C" Designation is for California Internships. "E" Designation is for Out of State Internships.

## **ATR 5091 Clinical Internship II (3 Units)**

This course is the second of five required athletic training clinical education courses. Athletic training students will be evaluated on clinical integration proficiency of knowledge, skills, and abilities including: taping, wrapping, bracing, protective equipment fitting; clinical assessment, diagnosis and therapeutic intervention of the lower extremity and spine; and professional communication and documentation strategies. Additionally, students will be expected to build upon their acquired knowledge to actively engage in facilitated integration of skills and abilities covered in the curriculum. Students will be assigned to clinical education experiences under the direct supervision of a preceptor. Students will explore evidence-based practice and reflect upon their clinical experiences to facilitate critical thinking and clinical decision making skills development.

Also offered as ATR 6091.

"C" Designation is for California Internships. "E" Designation is for Out of State Internships.