

# ATHLETIC TRAINING (A TR)

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**Courses primarily for undergraduates:**

## **A TR 218: Orientation to Athletic Training Clinical Experience**

(0-2) Cr. 0.5. F.

Pre-athletic training clinical experience designed to orientate students to the athletic training profession prior to enrolling in athletic training course sequence. Students will observe athletic trainers in various athletic training clinical sites. Open to pre-athletic training students only. Offered on a satisfactory-fail basis only.

## **A TR 219: Clinical Practicum in Athletic Training**

(0-2) Cr. 1. F.

Athletic training clinical experiences designed to review human anatomical structures including origin, insertion, action, innervations of muscles. Students will gain experience with palpation of these structures to help identify location of anatomical landmarks. Students will also gain experience identifying bones, ligaments, and tendons. Open to athletic training students only.

## **A TR 220: Basic Athletic Training**

(1-2) Cr. 2.

*Prereq: BIOL 155 or BIOL 255 and BIOL 256*

Introduction to methods of prevention and immediate care of athletic injuries. Basic information concerning health supervision of athletes, and some basic wrapping and strapping techniques for common injuries. Non A TR majors only.

## **A TR 221: Pre-Athletic Training Clinical Practicum**

(0-3) Cr. 1. S.

*Prereq: Credit or enrollment in A TR 222*

Athletic training clinical observation experiences to accompany A TR 222. Utilize knowledge to evaluate, analyze and demonstrate appropriate taping, wrapping and basic skill techniques. Open to students interested in the athletic training option. Offered on a satisfactory-fail basis only.

## **A TR 222: Basic Athletic Training for Athletic Trainers**

(2-2) Cr. 3. S.

*Prereq: BIOL 255, BIOL 255L*

Provides pre-athletic training students with the knowledge of the profession of a certified athletic trainer, factors associated with injury prevention, treatment, emergency care of athletic injuries, protective equipment, basic organization, administrative, and legal concepts in the athletic training setting. To be taken concurrently with A TR 221.

## **A TR 223: Clinical Practicum in Athletic Training**

(0-3) Cr. 1. F.

*Prereq: Permission of Athletic Training Program Director*

Athletic training clinical experiences for athletic training students during pre-season intercollegiate football. Clinical experiences include: Professional Rescuer CPR, AED certification, emergency splinting and spineboarding, medical record keeping and HIPPA regulations, environmental conditions, prevention of injury screening strategies, athletic training room and education program policies and procedures, review of athletic taping techniques, acute injury management, mouthpiece formation, and anatomy review. Offered on a satisfactory-fail basis only.

## **A TR 224: Evaluation of Athletic Injuries I**

(2-3) Cr. 3. F.

*Prereq: Permission of athletic training program director*

Sport injury assessment procedures and evaluation techniques for lower body injuries. Includes an overview of mechanisms of injury, general musculoskeletal disorders, and spine or neurological dysfunction. Designed for students in the athletic training major.

## **A TR 225: Athletic Injuries I Clinical Practicum**

(0-3) Cr. 1. F.

*Prereq: Permission of athletic training program director*

Athletic training clinical experience to accompany A TR 224. Open to students in the athletic training major. Offered on a satisfactory-fail basis only.

## **A TR 226: Evaluation of Athletic Injuries II**

(2-3) Cr. 3. S.

*Prereq: Permission of athletic training program director*

Sport injury assessment procedures and evaluation techniques for lower body injuries. Includes an overview of common illnesses of athletes and sport specific injuries. Designed for students in the athletic training major.

## **A TR 227: Athletic Injuries II Clinical Practicum**

(0-3) Cr. 1. S.

*Prereq: Permission of athletic training program director*

Athletic training clinical experience to accompany A TR 226. Open to students in the athletic training major. Offered on a satisfactory-fail basis only.

## **A TR 240: Introduction to Taping, Equipment, and Bracing Techniques**

(0-3) Cr. 1. S.

*Prereq: Permission of athletic training program director*

Basic information and laboratory instruction regarding basic taping techniques, athletic equipment fitting procedures, and the use and proper fitting of prophylactic braces. Open to students in the athletic training major. Offered on a satisfactory-fail basis only.

**A TR 323: Therapeutic Modalities for Athletic Trainers**

(2-2) Cr. 3. F.

*Prereq: Permission of athletic training program director*

Theory and technique of therapeutic modalities used in the management of injuries.

**A TR 324: Therapeutic Modalities Clinical Practicum**

(0-3) Cr. 1. F.

*Prereq: Permission of athletic training program director*

Athletic training clinical experience to accompany A TR 323. Open to students in athletic training major. Offered on a satisfactory-fail basis only.

**A TR 326: Rehabilitation of Athletic Injuries**

(2-2) Cr. 3. S.

*Prereq: Permission of athletic training program director*

Theory and practical application of rehabilitation principles used in the management of athletic injuries.

**A TR 327: Rehabilitation of Athletic Injuries Clinical Practicum**

(0-3) Cr. 1. S.

*Prereq: Permission of athletic training program director*

Athletic training clinical experience to accompany A TR 326. Open to students in the athletic training major. Offered on a satisfactory-fail basis only.

**A TR 425: Organization and Administration of Athletic Training**

(3-0) Cr. 3. F.

*Prereq: Permission of athletic training program director, senior classification*

Current administrative, professional, and legal issues pertaining to athletic training. Job search techniques and strategies including preparation of materials for athletic training students.

**A TR 450: Medical Concerns for the Athletic Trainer**

(3-0) Cr. 3. F.

*Prereq: Permission of athletic training program director*

Current medical issues and concerns, including pathology of illness and injury, dermatological conditions, exposure to allied health care professionals, and pharmacological indications in relation to the profession of athletic training and in patient/athlete care.

**A TR 488: Evidence Based Practice in Athletic Training**

Cr. 2. F.S.

*Prereq: Permission of athletic training program director*

Clinical experiences in application of athletic training techniques under supervision of certified athletic trainers. Participation in monthly research journal discussion.

**A TR 489: Review of Athletic Training Competencies and Clinical Proficiencies**

Cr. 1. F.S.

*Prereq: Senior classification, permission of athletic training program director*  
Preparation for professional endorsement and certification by review of required competencies and clinical proficiencies. Required for endorsement or approval to sit for Board of Certification Exam. Offered on a satisfactory-fail basis only.