

Athletic Training Course Descriptions

(Department of Health and Applied Human Sciences)

ATR 210. Introduction to Athletic Training (3) Introduction to the profession of athletic training. Concepts of prevention and recognition of injury/illness to the physically active population. Principles of taping, protective equipment, emergency procedures, general medical and environmental conditions. Two lecture hours and one laboratory hour each week.

ATR 211. Care and Prevention of Athletic Injuries (3) Prerequisite: Athletic training majors or consent of instructor. Instruction in the principles of risk management and injury prevention to the physically active population. Completion of minimum 150 or maximum 250 clinical hours under direct supervision of a certified/licensed athletic trainer. Two lecture hours and one laboratory hour each week.

ATR 300. Seminar with Allied Health Care Professionals (1) Prerequisite: Athletic training majors only or consent of instructor. Introduce athletic training students to various allied health care professionals from different settings. Must take six total credits over six semesters.

ATR 302. Therapeutic Modalities in Athletic Training (3) Prerequisites: Athletic training majors only or consent of instructor, ATR 211 and corequisite: ATR 304 and 306. Physiological response to tissue injury and pain, physical and physiological properties of therapeutic modalities, and application of therapeutic modalities as part of the comprehensive plan of care to facilitate the recovery of the injured physically active person. Two lecture hours and one laboratory hour each week.

ATR 303. Therapeutic Rehabilitation in Athletic Training (3) Prerequisites: Athletic training majors only or consent of instructor; ATR 302, 304, 306; and corequisites: ATR 305 and 307. Physiological effects, indications, contraindications and applications of therapeutic exercise in the rehabilitation of injuries and illnesses for the physically active person. Two lecture hours and one laboratory hour each week.

ATR 304. Evaluation of Athletic Injuries I (3) Prerequisites: Athletic training majors only or consent of instructor; ATR 211 and PED 216; and corequisites: ATR 302 and 306. Principles and techniques in the clinical evaluation of injuries and illnesses in the physically active person. Focus on the lower extremity and lumbar spine. Two lecture hours and one laboratory hour each week.

ATR 305. Evaluation of Athletic Injuries II (3) Prerequisites: Athletic training majors only or consent of instructor; ATR 302, 304, 306; and corequisites: ATR 303 and 307. Principles and techniques in the clinical evaluation of injuries and illnesses in the physically active person. Focus on the upper extremity and cervical spine. Two lecture hours and one laboratory hour each week.

ATR 306. Clinical I in Athletic Training (3) Prerequisites: Athletic training majors only and consent of instructor; ATR 211; and corequisites: ATR 302 304. Assessment of clinical proficiencies in the areas of risk management and injury prevention to the physically active population. Completion of minimum 150 or a maximum 250 clinical hours under the direct supervision of an approved clinical instructor/certified licensed athletic trainer.

ATR 307. Clinical II in Athletic Training (3) Prerequisites: Athletic training majors only and consent of instructor; ATR 302, 304, 306; and corequisites: ATR 303 and 305. Instruction in clinical proficiencies skills including modality application; evaluation and management of lower extremity and lumbar spine injuries. Completion of minimum 150 or a maximum 250 clinical hours under the direct supervision of an approved clinical instructor/certified licensed athletic trainer.

ATR 445. Organization and Administration in Athletic Training (3) Prerequisite: Athletic training majors only or by consent of instructor. Study of management strategies for health care facilities and associated venues that provide health care to athletes and others involved in physical activity.

ATR 448. Clinical III in Athletic Training (3) Prerequisites: Athletic training majors only and consent of instructor; ATR 307. Instruction in clinical proficiencies skills including therapeutic rehabilitation; evaluation and management of upper extremity and cervical spine injuries. Completion of minimum 150 or a maximum 250 clinical hours under the direct supervision of an approved clinical instructor/certified licensed athletic trainer.

ATR 449. Clinical IV in Athletic Training (3) Prerequisites: Athletic training majors only and consent of instructor; ATR 448. Capstone class for clinical proficiencies skills including therapeutic modalities; evaluation and management of lower extremity and lumbar spine injuries. Completion of minimum 150 or a maximum 250 clinical hours under the direct supervision of an approved clinical instructor/certified licensed athletic trainer.

ATR 450. Pharmacology for the Health Sciences (3) This course will expose the athletic training, therapeutic recreation, community health and exercise science student to common illnesses and health conditions. An emphasis will be placed on the diagnosis, indications for physician referral, impact on movement and activity; and pharmacologic management. The student will also be introduced to basic principles of pharmacokinetics and dynamics as they apply to both prescription and over the counter medications.

ATR 490. Clinical V in Athletic Training (3) Prerequisites: Athletic training majors only and consent of instructor; ATR 449. Capstone class for clinical proficiencies skills including therapeutic rehabilitation; evaluation and management of upper extremity and cervical spine injuries. Completion of minimum 150 or a maximum 250 clinical hours under the direct supervision of an approved clinical instructor/certified licensed athletic trainer.