Athletic Training Courses (AT)

Courses

AT 1010 (42T:023). Introduction to Athletic Training — 2 hrs.
Introduction to the field of athletic training with emphasis on the history of the National Athletic Training Association, certification guidelines, policies and procedures, risk management, roles and responsibilities of athletic trainers, and common illnesses and injuries. (Spring)

Provides foundational athletic training content that is pertinent for students preparing to enter the athletic coaching or physical education field. Emphasis placed on orthopedic injury description, prevention, treatment, and recovery. Prerequisite(s): PEMES 2024 (420:024) or PEMES 2050 (420:050). (Fall, Spring, Summer)

AT 1019 (42T:019). Prevention and Care Laboratory — 1 hr.
Laboratory experiences in first aid, CPR, and care of injuries for the physically active. Opportunity is provided to become certified in American Red Cross First Aid, and Community CPR. Prerequisite(s) or corequisite(s): AT 1018 (42T:018). (Fall, Spring, Summer)

AT 3000 (42T:140). Athletic Training Clinical Integration — 2-3 hrs.
Enter-level educational experiences in athletic training knowledge and skills including: 1) skill competencies tied to athletic training coursework, 2) clinical experience, 3) completion of clinical integration proficiencies, and 4) comprehensive learning. This course is to be taken over five semesters and will include a clinical experience during each semester. (May be repeated for a maximum of 13 hours for undergraduate students; 10 credits for masters' students.) Prerequisite(s): acceptance into the athletic training education program. (Fall and Spring)

AT 3011. Clinical Skills in Athletic Training — 1 hr.
Didactic and psychomotor skills instruction with practical examinations covering the material necessary to begin the athletic training clinical experience (AT 3000 (42T:140) Clinical Integration). Prerequisite(s): admission to the athletic training education program. (Summer)

AT 3020. Clinical Anatomy — 3 hrs.
Clinical anatomy of the human body which includes palpation, range of motion assessment, neurological testing, and structure identification and function. Prerequisite(s): AT 1010 (42T:023); admission into the athletic training program. (Summer)

AT 3030. Acute Care in Athletic Training — 2 hrs.
The theory, ethics, components, indications, and psychomotor skills of acute and emergency care in athletic training. Prerequisite(s): AT 1010 (42T:023); admission into the athletic training program. (Fall)

Enter-level recognition and evaluation of athletic injuries and conditions occurring to the lower extremities, torso, axial skeleton, and head. Prerequisite(s): AT 3060 (42T:110). (Fall)

AT 3050 (42T:134). Orthopedic Injury Assessment II — 3 hrs.
Enter-level recognition and evaluation of athletic injuries and conditions occurring to the lower extremities, upper extremities, axial skeleton, face, and head. Prerequisite(s): AT 1010 (42T:023); admission into the athletic training program. (Spring)

Entry-level theoretical and practical study of organization, administration, and professional development and responsibility in the field of athletic training. Prerequisite(s): AT 1010 (42T:023); admission into the athletic training program. (Fall)

AT 3070 (42T:143). Therapeutic Interventions I — 3 hrs.
Enter-level study of the effects, advantages, disadvantages, indications, contraindications, precautions, and the application parameters of therapeutic interventions of the physically active. Prerequisite(s): AT 1010 (42T:023); AT 3011; AT 3020; admission into athletic training program. (Fall)

AT 3080 (42T:157). Therapeutic Interventions II — 3 hrs.
Enter-level study of the effects, advantages, disadvantages, indications, contraindications, precautions, and the application parameters of therapeutic interventions of the physically active. Prerequisite(s): AT 2020; AT 3070 (42T:143). (Spring)

AT 3110 (42T:165). Psychological Considerations for Athletic Injuries and Rehabilitation — 2 hrs.
Understanding of psychological considerations associated with athletic injury including athletic training scope of practice, recognition/ intervention, motivation, and common conditions. Prerequisite(s) or corequisite(s): AT 3080 (42T:157). (Variable)

Enter-level study of the pathology of orthopedic injuries and conditions that are commonly seen by certified athletic trainers and the process of making clinical decisions based on an understanding of evidence based athletic training relative to the type and severity of injury. Clinical decisions specific to orthopedic injury include: immediate care, recognition, diagnostic criteria, referral, and prognosis. Students can repeat for 6 credits. Prerequisite(s): AT 3060 (42T:110). (Fall and Spring)

AT 3130 (42T:175). General Medical Conditions — 3 hrs.
Study of general medical conditions and disabilities commonly seen by certified athletic trainers. Prerequisite(s): AT 3060 (42T:110); junior standing. (Fall)

Discussion of current topics and trends in the clinical practice and professional development of athletic training. Prerequisite(s): AT 3060 (42T:110). (Fall)

Resume writing, interviewing, and a comprehensive review of the athletic training educational competencies. Prerequisite(s): AT 3060 (42T:110); senior standing. (Spring)

AT 6210 (42T:210). Pathoetiology and Orthopaedic Assessment I — 2 hrs.
In-depth study of pathological, etiological, and neuromuscular mechanisms of musculoskeletal injuries with emphasis on advanced orthopaedic assessment techniques of the upper body. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Even Falls)
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AT 6220 (42T:220). Pathoetiology and Orthopaedic Assessment II — 2 hrs.
In-depth study of pathological, biomechanical, and neuromuscular mechanisms of musculoskeletal injuries with emphasis on advanced orthopaedic assessment techniques of the lower body. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Odd Springs)

AT 6240 (42T:230). Evidence Based Practice I — 2 hrs.
In-depth analysis of current literature, research, case studies, and techniques directed toward the treatment and prevention of musculoskeletal injuries to the upper body of the physically active. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Odd Falls)

AT 6250 (42T:240). Evidence Based Practice II — 2 hrs.
In-depth analysis of current literature, research, case studies, and techniques directed toward the treatment and prevention of musculoskeletal injuries to the lower body of the physically active. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Odd Falls)

AT 6260 (42T:250). Orthopaedic Surgical Interventions — 2 hrs.
Study of orthopaedic surgical interventions commonly performed for musculoskeletal injuries suffered by the physically active. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Even Falls)

Discussion of current and future trends in the allied health profession of athletic training. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Variable)

Theoretical and applied techniques for organizing, administrating, and leading athletic training health care programs in various clinical settings. Prerequisite(s): NATABOC certification; admission into the athletic training graduate program. (Variable)

Special topics in athletic training and/or other allied health professions as indicated in the Schedule of Classes. May be repeated for credit. Prerequisite(s): admitted into the Doctor of Education Rehabilitation Studies intensive study area and/or the Master of Science Athletic Training degree program. (Fall and Spring)

AT 6297 (42T:297). Practicum — 1-4 hrs.
Practical experience in athletic training which includes, but is not limited to teaching, research, and clinical practice. May be repeated for maximum of 8 hours. Prerequisite(s): admitted into the Doctor of Education Rehabilitation Studies intensive study area and/or the Master of Science Athletic Training degree program. (Fall and Spring)

In-depth examination of current theories and practices relevant to the field of athletic training. Building on foundational theory, students will analyze and critique the clinical practices and philosophies of certified athletic trainers and/or other allied health professionals. Prerequisite(s): admitted into the Doctor of Education Rehabilitation Studies intensive study area. (Variable)

AT 7320 (42T:310). Clinical Teaching Skills in Allied Health Professions — 3 hrs.
Examination of issues and problems in teaching clinical proficiencies including the roles of clinical instructors, factors affecting teaching