

# ATHLETIC TRAINING (ATTR)

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## **ATTR 2110. Taping and Bandaging. 1 Hour.**

This skills-based course explores the appropriate utilization and application of preventative, therapeutic, and rehabilitative taping and bandaging used in the athletic training profession. The wrapping and bandaging of various extremities susceptible to injury in sport and activity are emphasized in this course.

## **ATTR 2300. Intro to Athletic Training. 3 Hours.**

This course is an introduction to the profession of Athletic Training. Topics include methods of care, treatment, and rehabilitation of athletic injuries. Laboratory experiences are provided to assist the student with athletic injury scenarios.

**Prerequisite:** None.

## **ATTR 3169. Therapeutic Interv I Lab. 1 Hour.**

This course will include hands-on application of skills in the areas of therapeutic modalities and manual therapies used to treat impairments due to injury or illness. This laboratory includes instruction, practice, and evaluation of clinical skills related therapeutic interventions (e.g. cryotherapy, thermotherapy, electrical stimulation, ultrasound, intermittent compression, and manual therapies). Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Evidence-Based Practice, Therapeutic Interventions, and Healthcare Administration will be included in this course. Concurrent enrollment with ATTR 3369. Credit 1

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370; must be taken concurrently with ATTR 3369.

## **ATTR 3170. Prevention and Care of Injuries LAB. 1 Hour.**

This course will include hands-on application of skills in the prevention and care of injuries and illness in sport. This course will include practice of skills related to emergency and acute care of injuries, care of the equipment-laden athlete, environmental illnesses, and prevention of injury and illnesses. Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Acute Care, and Prevention and Health Promotion will be included in this course. Concurrent enrollment with ATTR 3370. Credit 1

**Prerequisite:** Admission to the Athletic Training Program OR Department Approval; must be taken concurrently with ATTR 3370.

## **ATTR 3291. Clinical Experiences in Athletic Training I. 2 Hours.**

This course includes professional experience which provides students with the opportunity to apply basic knowledge and theory related to the philosophy, principles, and competencies of the athletic training profession in real-patient settings under the supervision of a Clinical Preceptor. Clinical experience sites include both on-campus and off-campus healthcare settings. Clinical experiences are coordinated through the Athletic Training Program. Credit 2

**Prerequisite:** Admission to the Athletic Training Program AND Department Approval.

## **ATTR 3292. Clinical Experiences in Athletic Training II. 2 Hours.**

This course includes professional experience which provides students with the opportunity to apply intermediate knowledge and theory related to the philosophy, principles, and competencies of the athletic training profession in real-patient settings under the supervision of a Clinical Preceptor. Clinical experience sites include both on-campus and off-campus healthcare settings. Clinical experiences are coordinated through the Athletic Training Program.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370, ATTR 3170, ATTR 3291 and Department Approval.

## **ATTR 3300. Admin of Athletic Training. 3 Hours.**

This course provides students with an overview of the organizational, professional, and management skills required to work in the Athletic Training field. Course content includes: standards of practice, ethical issues, emergency preparedness, resource activation, community relationships, and conflict management. Admittance to the Athletic Training Program, or Departmental Approval.

**Prerequisite:** ATTR 2300, 2310.

## **ATTR 3369. Therapeutic Interventions I. 3 Hours.**

A study of the theories and principles involved in the use of therapeutic modalities in treating injuries to the physically active, providing students with the necessary skills and theoretical knowledge to formulate treatment plans for injuries.

**Prerequisite:** ATTR 3370 or Departmental Approval.

## **ATTR 3370. Prevention & Care of Injuries. 3 Hours.**

This course includes instruction and laboratory work in the care and prevention of injuries. It is designed to meet the needs of the athletic coach and physical education teacher.

**Prerequisite:** BIOL 2401 or BIOL 2403.

## **ATTR 3383. Head & Face Injuries in Sport. 3 Hours.**

This course will examine common head and facial injuries in sport and physical activity. Emphasis will be placed on guiding laws, rules and current evidence used for effective evaluation, diagnosis, care, referral, and return-to-activity guidelines.

**Prerequisite:** ATTR 2300, ATTR 3370, OR Department Approval.

## **ATTR 4100. Lower-Extremity Injuries Lab. 1 Hour.**

This course will include hands-on application of skills in the evaluations, care, diagnosis, and referral of lower-extremity injuries. Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Evidence-Based Practice; Clinical Examination and Diagnosis; and Healthcare Administration will be included in this program.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370 and ATTR 3170; must be taken concurrently with ATTR 4300.

**ATTR 4110. Upper-Extremity Injuries Lab. 1 Hour.**

This course will include hands-on application of skills in the evaluation, care, diagnosis, and referral of upper-extremity injuries. Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Evidence-Based Practice; Therapeutic Interventions, and Healthcare Administration will be included in this program. Concurrent enrollment with ATTR 4310.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370, ATTR 3170, ATTR 4300 and ATTR 4100; must be taken concurrently with ATTR 4310.

**ATTR 4169. Therapeutic Interventions II Lab. 1 Hour.**

This course will include hands-on application of skills in the areas of therapeutic exercise and therapeutic medications used to treat impairments due to injury or illness. This laboratory includes instruction, practice, and evaluation of clinical skills related therapeutic interventions in the treatment of pain, and deficiencies in movement, strength, endurance, speed, neuromuscular control, coordination, agility, cardiorespiratory fitness, and activity specific skills. Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Evidence-Based Practice, Therapeutic Interventions, and Healthcare Administration will be included in this course. Concurrent enrollment with ATTR 4369.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370, ATTR 3369, and ATTR 3169; must be taken concurrently with ATTR 4369.

**ATTR 4175. Gen Med Conditions Lab. 1 Hour.**

This course will include hands-on application of skill in the evaluation, care, diagnosis and referral of general medical conditions often seen in an active population. Commission on Accreditation of Athletic Training Education (CAATE) 5th edition competencies in the domain areas of Evidence-Based Practice; Clinical Examination and Diagnosis; Healthcare Administration; and Psychosocial Strategies and Referral will be included in this course. Concurrent enrollment with ATTR 4375.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3370, ATTR 3170, ATTR 4300, ATTR 4100, ATTR 4310 and ATTR 4110.

**ATTR 4291. Clinical Experiences in Athletic Training III. 2 Hours.**

This course includes professional experience which provides students with the opportunity to apply intermediate knowledge and theory related to the philosophy, principles, and competencies of the athletic training profession in real-patient settings under the supervision of a Clinical Preceptor. Clinical experience sites include both on-campus and off-campus healthcare settings. Clinical experiences are coordinated through the Athletic Training Program.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 3369, ATTR 3169, ATTR 3291, ATTR 3292, ATTR 4300, ATTR 4100 and Department Approval.

**ATTR 4292. Clinical Experiences in Athletic Training IV. 2 Hours.**

This course includes professional experience which provides students with the opportunity to apply advanced knowledge and theory related to the philosophy, principles, and competencies of the athletic training profession in real-patient settings under the supervision of a Clinical Preceptor. Clinical experience sites include both on-campus and off-campus healthcare settings. Clinical experiences are coordinated through the Athletic Training Program.

**Prerequisite:** Admission to the Athletic Training Program, ATTR 4310, ATTR 4110, ATTR 4369, ATTR 4169, ATTR 3291, ATTR 3292, and Department Approval.

**ATTR 4300. Care of the Lower Extremity. 3 Hours.**

This course is designed to educate Athletic Training students regarding the anatomical lower extremity including the hip, thigh, knee, calf, ankle, and foot. Evaluation of injuries occurring in the athletic setting will be emphasized, as well as orthopedic tests to determine injury in joints and tissue of the lower body.

**Prerequisite:** ATTR 3370 AND BIOL 2401 OR BIOL 2403 or Departmental Approval.

**ATTR 4310. Care of the Upper Extremity. 3 Hours.**

This course is designed to educate Athletic Training students regarding the anatomical upper extremities including the head, spine, thoracic region, shoulder, elbow, wrist, and hand. Evaluation of injuries in the athletic setting are emphasized, as well as orthopedic tests to determine pathology in joints and tissue of the upper body.

**Prerequisite:** ATTR 3370 AND ATTR 4300 AND BIOL 2401 or Departmental Approval.

**ATTR 4350. Athletes and Disabilities. 3 Hours.**

This course will familiarize the Athletic Training student with the specific signs and symptoms of various medical, physical, and cognitive disabilities that are present in an athletic population. Admittance to the Athletic Training Program, or Departmental Approval.

**Prerequisite:** ATTR 2300, ATTR 2310, ATTR 3300, ATTR 4300, ATTR 4310, BIOL 2401.

**ATTR 4369. Therapeutic Interventions II. 3 Hours.**

This course will focus on therapeutic exercise for a variety of injuries and conditions common in sport and exercise settings. Emphasis will be placed on timing and healing phases as indicators of appropriate interventions. Indications, contraindications, and precautions of various interventions will be included.

**Prerequisite:** ATTR 3370 and ATTR 3369, or Departmental Approval.

**ATTR 4375. Gen Med Conditions in Sport. 3 Hours.**

Students will review the body systems and various injuries and illnesses commonly sustained during sport and physical activity. Emphasis will be placed on medical terminology, effective evaluation, diagnosis, care, referral, and return-to-activity guidelines.

**Prerequisite:** ATTR 3370.