

ATHLETIC TRAINING (ATEP)

ATEP 700 - Introduction to Therapeutic Interventions in Athletic Training (3 Credits)

This course is designed to address the basic knowledge and techniques needed to plan, operate, document, and evaluate therapeutic interventions used in treatment of athletic injuries/illnesses. Includes basic knowledge and techniques of therapeutic interventions; modalities and rehabilitation used by athletic trainers.

ATEP 701 - Principles of Evidenced-Based Medicine (3 Credits)

Development of essential skills for integrating evidence into healthcare practice. Students will learn how to explore critical questions by accessing, interpreting, evaluating, and integrating relevant research literature in healthcare.

ATEP 702L - Principles of Athletic Training Lab (1 Credit)

Foundational knowledge and skills for athletic trainers in injury prevention, care and recognition, emergency management and their role as a healthcare provider within the larger context of a changing healthcare system.

ATEP 711 - Clinical Experiences in Athletic Training I (3 Credits)

A 350-hour clinical education experience to develop clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area of clinical practice, specifically assessment, treatment and rehabilitation of lower/upper extremity injuries will be measured via formative and summative assessment that employs quantitative measures.

ATEP 712 - Clinical Experiences in Athletic Training II (3 Credits)

A 150-hour clinical education experience to develop the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area of clinical practice, specifically assessment, treatment and rehabilitation of non-orthopedic conditions will be measured via formative and summative assessment that employs quantitative measures.

Prerequisites: ATEP 711.

ATEP 713 - Clinical Experiences in Athletic Training III (3 Credits)

A 150-hour clinical education experience to develop the clinical skills of practicing Athletic Training professionals in a mentor guided model. Improvement in selected areas of clinical practice, specifically prevention and management of medical emergencies in athletic settings will be measured via formative and summative assessment that employs quantitative measures.

Prerequisites: ATEP 712.

ATEP 714 - Clinical Experiences in Athletic Training IV (3 Credits)

A 350-hour clinical education experience to develop the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area of clinical practice, specifically behavioral health and wellness of patients will be measured via formative and summative assessment that employs quantitative measures.

Prerequisites: ATEP 713.

ATEP 715 - Clinical Experiences in Athletic Training V (6 Credits)

A 450-hour clinical education immersive experience to develop clinical skills of the practicing Athletic Training professional in a setting preferred by the student. Improvement in a selected area of clinical practice will be measured via formative and summative assessment that employs quantitative measures.

Prerequisites: ATEP 714.

ATEP 730 - Behavioral Health and Wellness (3 Credits)

Integration of physiological, psychological, and social constructs in relationship to physical performance and clinical decision making to enhance patient care. Specific focus will be on understanding individual differences in behavior in the areas of physical fitness, nutrition, and mental health.

ATEP 732 - Emergency Management Practices in Athletic Training (3 Credits)

Examination of common injuries and illnesses that can cause medical emergencies in sport and physical activity. The majority of the class will be analyzing research related to these conditions to determine prevention and treatment strategies. Education, gender issues, politics, and media will also be a platform for class discussions.

ATEP 733 - Evidence Based Practice in Medical Emergencies (3 Credits)

Examination of common injuries and illnesses that lead to medical emergencies (e.g., sudden death) in sport and physical activity. Critical analysis of research to determine prevention and treatment strategies.

ATEP 734 - Evidence-Based Approach to Evaluation, Treatment, and Rehabilitation (3 Credits)

Advanced study of principles of evidence-based medicine and the interpretation of clinical research that assesses evaluation, treatment, and rehabilitation of injuries.

ATEP 735 - Contemporary Issues in Athletic Training (3 Credits)

Examination of issues shaping the athletic training profession with an emphasis on practical application and professional development.

ATEP 736 - Advanced Treatment and Rehabilitation of Athletic Injuries (3 Credits)

Advanced study of the treatment of athletic injuries focusing on the concepts and principles of a comprehensive rehabilitation program, including therapeutic exercise and therapeutic modalities.

ATEP 737 - Current Research in Athletic Training Education (3 Credits)

Examination of current literature in athletic training education as it pertains to the clinical and didactic experiences of athletic training students, clinical instructors, and practicing professionals.

ATEP 738 - Advanced Athletic Training Practicum I (1-3 Credits)

Provides advanced practical experience and the integration of evidence-based practice in the sports medicine settings. Course content will focus on graduate research project and topics related to athletic training education.

ATEP 739 - Advanced Clinical Practicum in Athletic Training II (1-3 Credits)

Provides advanced practical experience and the integration of evidenced-based practice on the sports medicine settings. Course content will focus on graduate research project and topics related to athletic training administration and management.

ATEP 740 - Evidence Based Practice in Weight Management Assessment (3 Credits)

Critical analysis of the current literature on weight control and health, metabolism, energy balance, and roll of diet and exercise in prevention and/or treatment in weight management in the physically active population.

ATEP 741 - Advanced Clinical Skills in Athletic Training (3 Credits)

This course is designed to assess the advanced clinical skills of graduate athletic training students in their ability to evaluate, manage and prevent athletic injuries. The content of this course will focus on advanced athletic training clinical skills and evidence-based practice.

ATEP 748 - Evaluation and Therapeutic Intervention of Lower Extremity Injuries (4 Credits)

Study of the lower extremities as they relate to the prevention; recognition, evaluation and assessment; immediate care; and treatment, rehabilitation and reconditioning of injuries and illnesses to athletes and others engaged in physical activity.

ATEP 748L - Evaluation & Therapeutic Intervention of Lower Extremity Injuries Lab (1 Credit)

Integration of knowledge and skills for orthopedic/physical assessment of common injuries to the lower body.

Corequisite: ATEP 748.

ATEP 749 - Evaluation and Therapeutic Intervention of Head, Neck and Spine Injuries (4 Credits)

Study of the Head, Neck and Spine as they relate to the prevention; recognition, evaluation and assessment; immediate care; and treatment, rehabilitation and reconditioning of injuries and illnesses to athletes and others engaged in physical activity.

ATEP 749L - Evaluation & Therapeutic Intervention of Head, Neck, & Spine Injuries Lab (1 Credit)

Integration of knowledge and skills for orthopedic/physical assessment of common injuries to the head, neck and spine.

Corequisite: ATEP 749.

ATEP 750 - Evaluation and Therapeutic Intervention of Upper Extremity Injuries (4 Credits)

Study of the upper extremities as they relate to the prevention; recognition, evaluation and assessment; immediate care; and treatment, rehabilitation and reconditioning of injuries and illnesses to athletes and others engaged in physical activity.

ATEP 750L - Evaluation & Therapeutic Intervention of Upper Extremity Injuries Lab (1 Credit)

Integration of knowledge and skills for orthopedic/physical assessment of common injuries to the upper body.

Corequisite: ATEP 750.

ATEP 770 - Research Methods & Prospectus Writing in Athletic Training (3 Credits)

The study of applicable methods and tools of research in athletic training. Introduction of methods of research in athletic training, encompassing aspects of study planning, research design, participant sampling, measurement, data analysis, ethics, and reporting in sports medicine.

ATEP 796 - Athletic Training Administration (3 Credits)

Examination of fundamental principles of administration and assessment of the delivery of athletic training services in the context of the larger health care system. Specific focus business management principles associated with athletic training clinical practice and as well as leadership and professional development to achieve the best patient outcomes.

ATEP 797 - Clinical Pathology and Pharmacology in Athletic Training (2 Credits)

Examination of injury, illness and/or disease of various body systems; specific understanding of medical diagnostics, interventions (including pharmacology) and participation considerations for the athletic population are addressed.

ATEP 797L - Clinical Pathology & Pharmacology in Athletic Training Lab (1 Credit)

Integration of knowledge and skills for athletic trainers in the physical assessment of common injury, illness and/or disease of various body systems.

Corequisite: ATEP 797.

ATEP 798 - Project in Athletic Education (3 Credits)

Independently executed project designed to expand the student's knowledge of athletic training.

ATEP 799 - Thesis Preparation (1-9 Credits)