

ATHLETIC TRAINING EDUCATION PROGRAM (ATEP)

100 Level Courses

ATEP 120: *First Aid and Emergency Care.* 2 credits.

Covers emergency management procedures for various injuries and sudden illnesses, including 1- and 2- person CPR, and use of an Automated External Defibrillator (AED) for cardiac emergencies and basic first aid techniques; certification in first aid and CPR. Offered by Recreation, Health & Tourism. Limited to two attempts.

Schedule Type: Lecture

ATEP 150: *Introduction to Athletic Training and Preventative Care Techniques.* 3 credits.

Introduces the profession of athletic training and the basic principles of preventative care commonly used in the profession. Topics will include athletic training facility organization and procedures; protective sports equipment; construction of protective devices; and application of protective taping, braces, wrapping, and protective pads. Areas to be studied include the role of the athletic trainer in sports medicine, mechanisms of athletic injuries, tissue response to injury, blood-borne pathogens, introductory techniques of the assessment and evaluation of athletic injuries and emergency procedures. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Schedule Type: Lecture

200 Level Courses

ATEP 201: *Medical and Scientific Terminology.* 3 credits.

Foundations of scientific and medical vocabulary including prefixes, suffixes and stems used to form compound words. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Schedule Type: Lecture

ATEP 203: *Prevention, Recognition, and Management of Athletic and Fitness Related Injuries.* 3 credits.

Provides coaches and fitness professionals with theory on the prevention, recognition, and management of injuries and conditions that occur in athletic competition and recreational fitness activities. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Schedule Type: Lecture

ATEP 205: *Cultural Competence.* 3 credits.

Explores cultural competence and its integration for effective professional practice. Includes communication styles, daily living practices, common sensitivities, self-awareness, and historical cultural implications in multicultural environments. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Schedule Type: Lecture

ATEP 250: *Physical Assessment of the Lower Body.* 3 credits.

An analysis of the principles of physical assessment of the lower body. Notes: Formal acceptance to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, ATEP 180, BIOL 124, BIOL 125, HEAL 110, and ATEP 300.

Recommended Corequisite: ATEP 255, ATEP 256

Schedule Type: Lecture

ATEP 255: *Clinical Techniques I: Physical Assessment of the Lower Body.* 3 credits.

An analysis of physical assessment clinical techniques of the lower body (including the lower extremity and abdomen). Notes: Formal acceptance to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, ATEP 180, BIOL 124, BIOL 125, HEAL 110, and ATEP 300.

Recommended Corequisite: ATEP 250, ATEP 256

Schedule Type: Laboratory

ATEP 256: *Practicum I: Physical Assessment of the Lower Body.* 3 credits.

A clinical practicum field experience under the direct supervision of a preceptor with emphasis on physical assessment of the lower body. Notes: Formal acceptance to professional phase of the ATEP; Current Emergency Cardiac Care (ECC) Certification. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, ATEP 180, BIOL 124, BIOL 125, HEAL 110, and ATEP 300.

Recommended Corequisite: ATEP 250, ATEP 255

Schedule Type: Internship

ATEP 260: *Physical Assessment of the Upper Body.* 3 credits.

An analysis of the principles of physical assessment of the upper body. Notes: Formal acceptance to the professional phase of the ATEP Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, ATEP 180, ATEP 250, ATEP 255, ATEP 256, ATEP 300, BIOL 124, BIOL 125, HEAL 110, HEAL 230.

Recommended Corequisite: ATEP 265, ATEP 266.

Schedule Type: Lecture

ATEP 265: *Clinical Techniques II: Physical Assessment of the Upper Body.* 3 credits.

An analysis of physical assessment clinical techniques of the upper body (including the upper extremity, head, and neck). Notes: Formal acceptance to the professional phase of the ATEP Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, ATEP 180, ATEP 250, ATEP 255, ATEP 256, ATEP 300, BIOL 124, BIOL 125, HEAL 110, HEAL 230.

Recommended Corequisite: ATEP 260, ATEP 266

Schedule Type: Laboratory

ATEP 266: *Practicum II: Physical Assessment of the Upper Body.* 3 credits.

A clinical practicum field experience under the direct supervision of a preceptor with emphasis on physical assessment of the upper body. Notes: Formal acceptance to the professional phase of the ATEP;

Emergency Cardiac Care (ECC) Certification Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 300; BIOL 124, 125; HEAL 110, 230.

Recommended Corequisite: ATEP 260, ATEP 265

Schedule Type: Internship

ATEP 270: *General Medical Conditions and Pharmacology in Physically Active Populations.* 3 credits.

An examination of assessment and management techniques of general medical conditions and pharmacological principles in physically active populations. Notes: Formal acceptance to the professional phase of the ATEP Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 300; BIOL 124, 125.

Schedule Type: Lecture

300 Level Courses

ATEP 300: *Functional Anatomy.* 3 credits.

Increase students' knowledge and exposure to the structural and functional components of human anatomy including musculoskeletal origins, insertions, actions and innervations. Offered by Recreation, Health & Tourism. May not be repeated for credit. Equivalent to KINE 300.

Recommended Prerequisite: C or better in BIOL 124 and BIOL 125.

Schedule Type: Laboratory, Lecture

ATEP 310: *Advanced Functional Anatomy.* 3 credits.

Investigates the musculoskeletal anatomy including innervation, vascular anatomy, and function of the neck, trunk and limbs. Synthesizes anatomy physiology, and human movement as it relates to injury; case studies are used to enhance the understanding of human anatomy and interpret movement impairments. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 320.

Registration Restrictions:

Required Prerequisites: ATEP 300^C and KINE 310^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 320: *Therapeutic Interventions Foundations.* 3 credits.

Explores foundational knowledge and skills necessary for the safe, effective, and evidence-based application of therapeutic interventions. Investigates physiologic response to injury and healing, physiologic cause of pain, physiologic response of tissue to therapeutic intervention including modalities and exercise. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 310.

Registration Restrictions:

Required Prerequisites: ATEP 325^C, KINE 310^C and 320^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 325: *Athletic Training Foundations.* 3 credits.

Investigates the knowledge, skill and professional foundations of the athletic training. Emphasizes is placed on the role of the athletic trainer as a member of the health care system by decision-making through evidence-based practice and foundational skills including fitting protective equipment and devices, and prophylactic preventative taping. Admission to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Required Prerequisites: ATEP 120^C, 150^C, 201^C, 300^C, BIOL 124^C, 125^C and HEAL 230^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 330: *Emergency Procedures for Athletic Trainers.* 3 credits.

Investigates the scientific and philosophical foundations of pre-hospital emergency care principles pertinent to athletic trainers. Develops knowledge, critical thinking and problem solving skills necessary to correctly apply emergency care principles and associated skills in a variety of clinical and professional settings. Admission to the professions phase of ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 340, 345, 351, 354.

Registration Restrictions:

Required Prerequisites: ATEP 310^C, 320^C and KINE 450^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 340: *Lower Body Physical Assessment.* 3 credits.

Analyzes principles of lower body physical assessment. Investigates mechanisms of injury, the evaluation process, and testing leading to diagnosis. Admission to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 330, ATEP 340, ATEP 351, ATEP 354.

Registration Restrictions:

Required Prerequisites: KINE 450^C, ATEP 310^C and 320^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 345: *Athletic Training Clinical Techniques 1.* 3 credits.

Applies principles of lower body, thoracic and lumbar spine physical assessment. develops evaluation skills including special testing leading to diagnosis. Admission to the professional phase of ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 330, ATEP 340, ATEP 351, ATEP 354.

Registration Restrictions:

Required Prerequisites: KINE 450^C, ATEP 310^C and 320^C.

^C Requires minimum grade of C.

Schedule Type: Laboratory

ATEP 350: *Therapeutic Interventions I.* 3 credits.

Integrates the use of therapeutic modalities and rehabilitation in the treatment of injuries and conditions including indications, contraindications, physiological effects, special programs, and resistance methods used with therapeutic modalities and prevention/rehabilitation

methods. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300; BIOL 124, 125; HEAL 110, 230; KINE 310.

Recommended Corequisite: ATEP 355 and 356.

Schedule Type: Lecture

ATEP 351: *Lower Body Therapeutic Interventions*. 3 credits.
Develops, implements, and evaluates treatment plans using therapeutic modalities and rehabilitation interventions in the treatment of lower body injuries and conditions. Establishes an evidence-based approach to therapeutic interventions use in patient treatment. Admission to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 330, ATEP 340, ATEP 345, ATEP 354.

Registration Restrictions:

Required Prerequisites: KINE 450^C, ATEP 310^C and 320^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 354: *Athletic Training Clinical Techniques 2*. 3 credits.
Applies therapeutic interventions for the lower body in a laboratory setting. Develops rehabilitation treatment plans and skills necessary to carry out patient care. Admission to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 330, ATEP 340, ATEP 345, ATEP 351.

Registration Restrictions:

Required Prerequisites: KINE 450^C, ATEP 310^C and 320^C.

^C Requires minimum grade of C.

Schedule Type: Laboratory

ATEP 355: *Clinical Techniques 3: Therapeutic Interventions I*. 3 credits.
An examination of the scientific theory and standard operating procedures necessary for the safe application of therapeutic modalities in a physically active patient population. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300; BIOL 124, 125; HEAL 110, 230; KINE 310.

Recommended Corequisite: ATEP 350 and 356.

Registration Restrictions:

Enrollment is limited to students with a major, minor, or concentration in Athletic Training.

Schedule Type: Laboratory

ATEP 356: *Practicum III: Therapeutic Modalities*. 3 credits.
A clinical practicum field experience under the direct supervision of a preceptor with emphasis on therapeutic modalities. Notes: Formal Acceptance into the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300 BIOL 124, 125; HEAL 110, 230; KINE 310.

Recommended Corequisite: ATEP 350, 355.

Schedule Type: Internship

ATEP 360: *Therapeutic Interventions 2*. 3 credits.
Integrated approach to the use of therapeutic modalities and rehabilitation in the treatment of injuries and conditions. Special consideration to specific body regions including a focus on the development, implementation, and evaluation of treatment plans. Notes: Formal acceptance into the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300; BIOL 124, 125; HEAL 110, 230; KINE 310.

Recommended Corequisite: ATEP 365, 366.

Registration Restrictions:

Enrollment is limited to students with a major, minor, or concentration in Athletic Training.

Schedule Type: Lecture

ATEP 361: *Upper Body Therapeutic Interventions*. 3 credits.
Utilizes an integrated approach to therapeutic interventions including modalities and rehabilitation in the treatment of upper body, head and neck injuries and conditions. Includes development, implementation, and evaluation of treatment plans for upper body, head and neck injuries. Admission to the professional phase of the ATEP. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 365, ATEP 367, ATEP 370, ATEP 375.

Registration Restrictions:

Required Prerequisites: ATEP 351^C, 354^C, 330^C, 340^C and 345^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 365: *Athletic Training Clinical Techniques 4*. 3 credits.
Applies therapeutic interventions for the upper body, head and neck in a laboratory setting. Develops rehabilitation treatment plans and skills necessary to carry out patient care. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Students with a class of Freshman or Sophomore may **not** enroll.

Enrollment is limited to students with a major in Athletic Training.

Schedule Type: Laboratory

ATEP 366: *Practicum IV: Therapeutic Rehabilitation*. 3 credits.
A clinical practicum field experience under the direct supervision of a preceptor with emphasis on therapeutic rehabilitation. Notes: Formal acceptance into the professional phase of the ATEP; Current Emergency Cardiac Care (ECC) Certification. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or Better ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 350, 355, 356; BIOL 124, 125; HEAL 110, 230; PHED 300 and 450.

Recommended Corequisite: ATEP 360, ATEP 365.

Schedule Type: Internship

ATEP 367: Athletic Training Practicum 1. 2 credits.

Emphasizes physical assessment and therapeutic interventions of the lower body in a clinical immersion practicum field experience under the direct supervision of a preceptor for 150 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 361, ATEP 365, ATEP 370, ATEP 375.

Registration Restrictions:

Required Prerequisites: ATEP 330^C, 340^C, 345^C, 351^C and 354^C.

^C Requires minimum grade of C.

Schedule Type: Internship

ATEP 370: Upper Body Physical Assessment. 3 credits.

Analyzes the principles of upper body physical assessment. Investigates mechanisms of injury, the evaluation process, and testing leading to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 361, ATEP 365, ATEP 367, ATEP 375.

Registration Restrictions:

Required Prerequisites: ATEP 330^C, 340^C, 345^C, 351^C and 354^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 375: Athletic Training Clinical Techniques 3. 3 credits.

Applies principles of upper body, hand and neck physical assessment. Develops evaluation skills including special testing leading to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 361, ATEP 365, ATEP 367, ATEP 370.

Registration Restrictions:

Required Prerequisites: ATEP 330^C, 340^C, 345^C, 351^C and 354^C.

^C Requires minimum grade of C.

Schedule Type: Laboratory

400 Level Courses

ATEP 400: Pathopharmacology. 3 credits.

Examines the assessment and management techniques of general medical conditions and pharmacological principles and interventions. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Required Prerequisites: ATEP 300^C and KINE 310^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 441: Senior Seminar in Athletic Training. 3 credits.

Capstone educational experience focusing on current topics in the Athletic Training Profession and career development issues. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Mason Core: Capstone

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300, 350, 355, 356, 360, 365, 366; BIOL 124, 125; HEAL 110, 230; KINE 300, 360.

Schedule Type: Internship

ATEP 450: Administration and Management in Athletic Training. 3 credits.

Focuses on the professional management and administrative issues in athletic training including the planning, designing, development, organization, implementation, direction, and evaluation of a health care program. Discusses current issues in athletic training related to professional conduct and practice. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Students with a class of Freshman or Sophomore may **not** enroll.

Schedule Type: Lecture

ATEP 456: Practicum 5 Professional Integration. 6 credits.

A clinical practicum field experience under the direct supervision of a preceptor with emphasis on professional skill integration. Notes: Formal acceptance into the professional phase of the ATEP; Current Emergency Cardiac Care (ECC) Certification. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Grade of C or higher in ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270, 300, 350, 355, 356, 360, 365, 366, BIOL 124, 125; HEAL 110, 230, KINE 310, 360.

Recommended Corequisite: ATEP 450.

Schedule Type: Internship

ATEP 457: Athletic Training Practicum 2. 1 credit.

Emphasizes physical assessment and therapeutic interventions of the upper body with non-sport populations and assessment of general medical conditions in a clinical practicum field experience under the direct supervision of a preceptor for 75 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit. Equivalent to ATEP 354.

Recommended Corequisite: ATEP 450.

Registration Restrictions:

Required Prerequisites: ATEP 361^C, 365^C, 367^C, 370^C, 375^C and 400^C.

^C Requires minimum grade of C.

Schedule Type: Internship

ATEP 460: Pediatric Sports Medicine. 3 credits.

Examines evidence-based practices for injury preventions, sport safety, emergency preparedness, and risk management within youth and scholastic sport. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 470, 476.

Registration Restrictions:

Required Prerequisites: ATEP 300^C and KINE 310^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 466: Athletic Training Practicum 3. 2 credits.

Emphasizes injury prevention administration physical assessment and therapeutic intervention during athletics preseason in a clinical practicum field experience under the direct supervision of a preceptor for 150 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Required Prerequisites: ATEP 361^C, 365^C, 367^C, 370^C, 375^C and 400^C.

^C Requires minimum grade of C.

Schedule Type: Internship

ATEP 470: Post Rehabilitative Therapeutic Interventions. 2 credits.

Explores current topics of musculoskeletal injury prevention and intervention. Investigates injury epidemiology, pain and nutritional theories. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 476.

Registration Restrictions:

Required Prerequisites: ATEP 450^C, 457^C and 466^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 476: Athletic Training Practicum 4. 4 credits.

Emphasizes physical assessment and therapeutic interventions of the upper body in a clinical practicum field experience under the direct supervision of a preceptor for 300 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 470.

Registration Restrictions:

Required Prerequisites: ATEP 450^C, 457^C and 466^C.

^C Requires minimum grade of C.

Schedule Type: Internship

ATEP 480: Athletic Training Research. 3 credits.

Examines methods for critically evaluating clinical research techniques and interventions to improve patient outcomes specific to the practice of athletic training. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 486.

Registration Restrictions:

Required Prerequisites: ATEP 460^C, 470^C and 476^C.

^C Requires minimum grade of C.

Schedule Type: Lecture

ATEP 486: Athletic Training Practicum 5. 6 credits.

Emphasizes professional skill integration with a clinical practicum field experience under the direct supervision of a preceptor for 400 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 480.

Registration Restrictions:

Required Prerequisites: ATEP 460^C, 470^C and 476^C.

^C Requires minimum grade of C.

Schedule Type: Internship

ATEP 499: Independent Study in Athletic Training. 1-6 credits.

Study of a topic area in athletic training research, theory, or practice under direction of a faculty member. May be repeated, but not more than 6 total credits may be earned. Offered by Recreation, Health & Tourism. May be repeated within the degree.

Schedule Type: Independent Study

500 Level Courses

ATEP 510: Advanced Functional Anatomy. 3 credits.

Investigates the musculoskeletal anatomy including innervation, vascular anatomy, and function of the neck, trunk and limbs. Synthesizes anatomy, physiology, and human movement as it relates to injury; case studies are used to enhance the understanding of human anatomy and interpret movement impairments. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Basic human anatomy and physiology and functional anatomy knowledge.

Recommended Corequisite: ATEP 520 and 525.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 520: Therapeutic Interventions Foundations. 3 credits.

Explores foundational knowledge and skills necessary for the safe, effective, and evidenced-based application of therapeutic interventions. Investigates physiologic response to injury and healing, physiologic cause of pain, physiologic response of tissue to therapeutic intervention including modalities and exercise. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Basic human anatomy and physiology and functional anatomy knowledge.

Recommended Corequisite: ATEP 510 and 525.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 525: Athletic Training Foundations. 3 credits.

Investigates the knowledge, skill and professional foundations of the athletic training. Emphasizes is placed on the role of the athletic trainer as a member of the health care system by decision-making through evidence-based practice and foundational skills including fitting protective equipment and devices, arid prophylactic preventative taping. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 510 and 520.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 530: *Emergency Procedures for Athletic Trainers*. 3 credits. Investigates the scientific and philosophical foundations of pre-hospital emergency care principles pertinent to athletic trainers. Develops knowledge, critical thinking and problem solving skills necessary to correctly apply emergency care principles and associated skills in a variety of clinical and professional settings. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 540, 545, 550, 555.

Registration Restrictions:

Required Prerequisites: ATEP 510^{B-} and 520^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 540: *Lower Body Physical Assessment*. 3 credits. Analyzes principles of lower body physical assessment. Investigates mechanisms of injury, the evaluation process, and testing leading to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 530, 545, 550, 555.

Registration Restrictions:

Required Prerequisites: ATEP 510^{B-} and 520^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 545: *Athletic Training Clinical Techniques 1*. 3 credits. Applies principles of lower body, thoracic and lumbar spine physical assessment. Develops evaluation skills including special testing leading

to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 530, 540, 550, 555.

Registration Restrictions:

Required Prerequisites: ATEP 510^{B-} and 520^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

ATEP 550: *Lower Body Therapeutic Interventions*. 3 credits. Develops, implements, and evaluates treatment plans using therapeutic modalities and rehabilitation interventions in the treatment of lower body injuries and conditions. Establishes an evidence-based approach to therapeutic interventions use in patient treatment. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 530, 540, 545, 555.

Registration Restrictions:

Required Prerequisites: ATEP 510^{B-} and 520^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 555: *Athletic Training Clinical Techniques 2*. 3 credits. Applies therapeutic interventions for the lower body in a laboratory setting. Develops rehabilitation treatment plans and skills necessary to carry out patient care. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 530, 540, 545, 550.

Registration Restrictions:

Required Prerequisites: ATEP 510^{B-} and 520^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

ATEP 560: *Upper Body Therapeutic Interventions*. 3 credits.
Utilizes an integrated approach to therapeutic interventions including modalities and rehabilitation in the treatment of upper body, head and neck injuries and conditions. Includes development, implementation, and evaluation of treatment plans for upper body, head and neck injuries. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 565, 566, 570, 575, 600.

Registration Restrictions:

Required Prerequisites: ATEP 530^{B-}, 540^{B-}, 545^{B-}, 550^{B-} and 555^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 565: *Athletic Training Clinical Techniques 4*. 3 credits.
Applies therapeutic interventions for the upper body, head and neck in a laboratory setting. Develops rehabilitation treatment plans and skills necessary to carry out patient care. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 560, 566, 570, 575, 600.

Registration Restrictions:

Required Prerequisites: ATEP 530^{B-}, 540^{B-}, 545^{B-}, 550^{B-} and 555^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory

ATEP 566: *Athletic Training Practicum 1*. 2 credits.
Emphasizes clinical examination and acute care of injuries during a clinical immersion practicum field experience under the direct supervision of a preceptor for 150 to 200 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 560, ATEP 565, ATEP 570, ATEP 575, 600.

Registration Restrictions:

Required Prerequisites: ATEP 530^{B-}, 540^{B-}, 545^{B-}, 550^{B-} and 555^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

ATEP 570: *Upper Body Physical Assessment*. 3 credits.
Analyzes principles of upper body physical assessment. Investigates mechanisms of injury, the evaluation process, and testing leading to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 560, 565, 566, 575, 600.

Registration Restrictions:

Required Prerequisites: ATEP 530^{B-}, 540^{B-}, 545^{B-}, 550^{B-} and 555^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 575: *Athletic Training Clinical Techniques 3*. 3 credits.
Applies principles of upper body, head and neck physical assessment. Develops evaluation skills including special testing. leading to diagnosis. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 560, 565, 566, 570, 600.

Registration Restrictions:

Required Prerequisites: ATEP 530^{B-}, 540^{B-}, 545^{B-}, 550^{B-} and 555^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to students with a major in Athletic Training.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Laboratory**600 Level Courses**

ATEP 600: *Pathopharmacology*. 3 credits.
Examines the assessment and management techniques of general medical conditions and pharmacological principles and interventions. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Basic human anatomy and physiology and Functional Anatomy knowledge needed.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 650: *Administration and Management in Athletic Training*. 3 credits. Focuses on the professional management and administrative issues in athletic training including the planning, designing, development, organization, implementation, direction, and evaluation of a health care program. Discusses current issues in athletic training related to professional conduct and practice. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 656.

Registration Restrictions:

Required Prerequisites: ATEP 560^{B-}, 565^{B-}, 566^{B-}, 570^{B-} and 575^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 656: *Athletic Training Practicum 2*. 1 credit. Emphasizes therapeutic interventions with non-sport populations during a clinical practicum field experience under the direct supervision of a preceptor for 75 to 125 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 650.

Registration Restrictions:

Required Prerequisites: ATEP 560^{B-}, 565^{B-}, 566^{B-}, 570^{B-} and 575^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

ATEP 660: *Pediatric Sports Medicine*. 3 credits. Examines evidence-based practices for injury prevention, sport safety, emergency preparedness, and risk management within youth and scholastic sport. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Prerequisite: Basic human anatomy and physiology and Functional Anatomy knowledge needed.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 667: *Athletic Training Practicum 3*. 2 credits. Emphasizes injury prevention, healthcare administration, clinical evaluation during and athletics pre-season clinical practicum field experience under the direct supervision of a preceptor for 150 to 200 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Registration Restrictions:

Required Prerequisites: ATEP 650^{B-} and 656^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

ATEP 670: *Post Rehabilitative Therapeutic Interventions*. 2 credits. Explores current topics of musculoskeletal injury prevention and intervention. Investigates injury epidemiology, pain and nutritional theories. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 660, 676.

Registration Restrictions:

Required Prerequisites: ATEP 650^{B-}, 656^{B-} and 667^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 676: *Athletic Training Practicum 4*. 4 credits. Emphasizes clinical examination, therapeutic interventions, and psychosocial strategies during a clinical practicum field experience under the direct supervision of a preceptor for 300 to 400 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 660, 670.

Registration Restrictions:

Required Prerequisites: ATEP 650^{B-}, 656^{B-} and 667^{B-}.
^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

ATEP 680: *Athletic Training Research*. 3 credits.

Examines methods for critically evaluating clinical research techniques and interventions to improve patient outcomes specific to the practice of athletic training. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 686.

Registration Restrictions:

Required Prerequisites: ATEP 660^{B-}, 670^{B-} and 676^{B-}.

^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

ATEP 686: *Athletic Training Practicum 5*. 6 credits.

Emphasizes professional development, evidence-based practice and integration of knowledge, skills and clinical decision-making during a clinical practicum field experience under the direct supervision of a preceptor for 400 to 600 hours. Offered by Recreation, Health & Tourism. May not be repeated for credit.

Recommended Corequisite: ATEP 680.

Registration Restrictions:

Required Prerequisites: ATEP 660^{B-}, 670^{B-} and 676^{B-}.

^{B-} Requires minimum grade of B-.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship