ATHLETIC TRAINING (AT)

AT 1298. Orientation to Athletic Training Education.
Pre-Athletic Training majors will be introduced to the academic and clinical aspects of the CAATE accredited athletic training education program. The course is utilized as part of the rigorous student evaluation process before formal entrance into the athletic training education program.

about Orientation to Athletic Training Education
2 Credit Hours. 1 Lecture Contact Hour. 1 Lab Contact Hour.
Grade Mode: Standard Letter

AT 2156. Taping and Bandaging Athletic Injuries.
This course focuses on the use of taping, bracing, and bandaging techniques in the prevention and care of athletic injuries.

about Taping and Bandaging Athletic Injuries
1 Credit Hour. 1 Lecture Contact Hour. 2 Lab Contact Hours.
Grade Mode: Standard Letter

AT 2260. Acute Care of Injuries and Illnesses.
This course will address the knowledge and skills related to the immediate evaluation and specialized care of acute injuries and illnesses common in sports settings. Lectures and laboratory experiences are focused on key aspects of emergency sports health care, including the rapid assessment, resuscitation, packaging and transportation of injured patients. Must be admitted to the Pre-Athletic Training major to enroll.

about Acute Care of Injuries and Illnesses
2 Credit Hours. 2 Lecture Contact Hours. 2 Lab Contact Hours.
Grade Mode: Standard Letter

AT 2356. Prevention and Care of Athletic Injuries.
This course focuses on the theoretical and practical aspects of the prevention, treatment, and rehabilitation of athletic injuries.

about Prevention and Care of Athletic Injuries
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 2497. Clinical Experience in Athletic Training I.
This course addresses emergency management and athletic injury prevention. These topics are integrated into a clinical education experience to assess professional behaviors, cognitive knowledge, psychomotor skills, and proficiency-based case simulations. The course incorporates didactic education and clinical education at an assigned clinical site under the supervision of a clinical instructor. Must be admitted to an Athletic Training major to enroll.

about Clinical Experience in Athletic Training I
4 Credit Hours. 2 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter

AT 2498. Clinical Experience in Athletic Training II.
This course addresses athletic injury evaluation and management. These topics are integrated into a clinical education experience to assess professional behaviors, cognitive knowledge, psychomotor skills, and proficiency-based case simulations. The course incorporates didactic education and clinical education at an assigned clinical site under the supervision of a clinical instructor. Must be admitted to Athletic Training major to enroll.

about Clinical Experience in Athletic Training II
4 Credit Hours. 2 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter

AT 3126. Applied Laboratory of Upper Extremity Injuries.
This course will present a study and critical analysis of the anatomy, injury signs and symptoms, and special tests used in the clinical evaluation of upper extremity injuries to the physically active individual. Must be admitted to the Athletic Training Program or Pre-Physical Therapy Concentration to enroll. Co-requisite: AT 3326.

about Applied Laboratory of Upper Extremity Injuries
1 Credit Hour. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Co-requisite(s): AT 3326
Grade Mode: Standard Letter

AT 3128. Applied Laboratory of Lower Extremity Injuries.
This course will present a study and critical analysis of the anatomy, injury signs and symptoms, and special tests used in the clinical evaluation of lower extremity injuries to the physically active individual. Must be admitted to the Athletic Training Program or Pre-Physical Therapy Concentration to enroll. Co-requisite: AT 3328.

about Applied Laboratory of Lower Extremity Injuries
1 Credit Hour. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Co-requisite(s): AT 3328
Grade Mode: Standard Letter

AT 3136. Applied Laboratory for Therapeutic Modalities.
This course provides students with experiences in laboratory and field applications of therapeutic modalities of all athletic injuries. Must be admitted to the Athletic Training Program or Pre-Physical Therapy Concentration to enroll. Co-requisite: AT 3336.

about Applied Laboratory for Therapeutic Modalities
1 Credit Hour. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Co-requisite(s): AT 3336
Grade Mode: Standard Letter

AT 3146. Applied Laboratory for Therapeutic Exercise and Rehabilitation.
This course provides students with experiences in laboratory and field applications of therapeutic exercise and rehabilitation of athletic injuries. Must be admitted to the Athletic Training Program or Pre-Physical Therapy Concentration to enroll. Co-requisite: AT 3346.

about Applied Laboratory for Therapeutic Exercise and Rehabilitation
1 Credit Hour. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Co-requisite(s): AT 3346
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Mode</th>
<th>Course Attribute(s)</th>
<th>Credits</th>
<th>Contact Hours</th>
<th>Co-requisite(s)</th>
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<td>AT 3226</td>
<td>Medical Conditions and Disabilities</td>
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<td>AT 3336</td>
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*AT 3126: Minimum 2.75 Texas State GPA.

*AT 3128: Minimum 2.75 Texas State GPA.

*AT 3326: Minimum 2.75 Texas State GPA.

*AT 3328: Minimum 2.75 Texas State GPA.

*AT 3333: Minimum 2.75 Texas State GPA.

*AT 3336: Minimum 2.75 Texas State GPA.
AT 4356. Organization and Management of Athletic Training Programs.
This course addresses the organizational and administrative aspects of athletic training program management. Topics will include, but are not limited to, medical, ethical, legal, personnel and financial management, medical record keeping, facilities, supply requisition and inventory, third-party reimbursement, drug testing and other current professional issues. Prerequisites: AT 3326. (WI).
about Organization and Management of Athletic Training Programs
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Writing Intensive
Grade Mode: Standard Letter
about Organization and Management of Athletic Training Programs

AT 4360. Internship in Clinical Settings.
Students will be introduced to the clinical aspects of allied health professions by being assigned to a minimum of two clinical sites. Prerequisite: Instructor consent. Prerequisite: Must be admitted to the Athletic Training major or to the Pre-Physical Therapy Emphasis. Prerequisites: A minimum TXST GPA of 2.75, and AT 3326 and AT 3126; AT 3328 and AT 3128; and AT 3336 and AT 3136.
about Internship in Clinical Settings
3 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter
about Internship in Clinical Settings

AT 4497. Clinical Experience in Athletic Training V.
This course integrates topics in therapeutic interventions and exercise into a clinical education experience that assesses professional behaviors, cognitive knowledge, psychomotor skills, and proficiency-based case simulations. The course incorporates didactic and clinical education at an assigned clinical site under the supervision of a clinical instructor. Prerequisite: AT 3497 with a grade of "C" or better.
about Clinical Experience in Athletic Training V
4 Credit Hours. 2 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter
about Clinical Experience in Athletic Training V

AT 4498. Clinical Experience in Athletic Training VI.
This course integrates topics in nutrition, professionalism, and administration into a clinical education experience that assesses professional behaviors, cognitive knowledge, psychomotor skills, and proficiency-based case simulations. The course incorporates didactic and clinical education at an assigned clinical site under the supervision of a clinical instructor. Prerequisite: AT 3498 with a grade of "C" or better.
about Clinical Experience in Athletic Training VI
4 Credit Hours. 2 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter
about Clinical Experience in Athletic Training VI

AT 5101. Graduate Assistant Development.
This course is required of all graduate assistants and provides regular in-service and planned periodic evaluations of instructional responsibilities. Graduate assistants are required to register for this course in the spring semester of their employment. This course does not earn graduate degree credit. Graded on a credit (CR), no-credit (F) basis.
about Graduate Assistant Development
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship
Grade Mode: Leveling/Assistantships
about Graduate Assistant Development

AT 5199B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
Grade Mode: Credit/No Credit
about Thesis

1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

AT 5201. Graduate Assistant Development.
This course is required of all graduate assistants and provides in-service and planned periodic evaluations of instructional responsibilities. Graduate assistants are required to register for this course in the fall semester of their employment. This course does not earn graduate degree credit. Graded on a credit (CR), no-credit (F) basis.
about Graduate Assistant Development
2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship
Grade Mode: Leveling/Assistantships
about Graduate Assistant Development

AT 5299B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

AT 5302. Special Topics in Athletic Training.
This course is designed to educate students in the scientific process and develop an in-depth understanding of the research process in Athletic Training.
about Special Topics in Athletic Training
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Special Topics in Athletic Training

AT 5303. Seminar in Athletic Training.
Current trends in athletic and physical education concerning the care and prevention of injuries with special emphasis on therapeutic and rehabilitation techniques. Taping and bandaging will be practiced in a laboratory situation.
about Seminar in Athletic Training
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Seminar in Athletic Training

AT 5307. Bioenergetics of Exercise and Rehabilitation.
This course is designed to provide both a theoretical and clinical basis for the use of therapeutic exercise in physiological basis of muscular, respiratory, cardiovascular, and nervous systems in the rehabilitation of all athletic injuries. Must be admitted to the MS in Athletic Training Program or instructor approval required.
about Bioenergetics of Exercise and Rehabilitation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Bioenergetics of Exercise and Rehabilitation
AT 5308. Therapeutic Exercise and Rehabilitation.
This course is designed to provide both a theoretical and clinical basis for the use of therapeutic exercise in the rehabilitation setting, as well as to impart knowledge pertaining to the physiological effects, indications, contraindications and applications of therapeutic exercise in the rehabilitation of all athletic injuries. Must be admitted to the M.S. in Athletic Training Program.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5309. Independent Study in Athletic Training.
This course may be taken by a student who desires to work on a research problem or investigation in Athletic Training. The student gathers and analyzes pertinent data and submits a report of the results of the research. Repeatable once for credit. Prerequisite: ESS 5346.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5347. Independent Study in Athletic Training.
This course is designed to provide students with advanced study in the elements of evidence-based practice in sports medicine with focus on the role of accessing, retrieving, and critically appraising evidence to answer clinical questions in patient care. Must be admitted to the M.S. in Athletic Training Program or instructor approval required. Prerequisite: ESS 5346.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5310. Proprioception and Neuromuscular Control in Rehabilitation.
This course provides for an advanced study of the concepts, theories, and current research related to proprioception, postural stability, and neuromuscular control as applied to the prevention, diagnosis, and clinical management of sport-related musculoskeletal injuries and concussions. Must be admitted to the M.S. in Athletic Training Program or instructor approval required.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5311. Biomechanics of Musculoskeletal Injury.
This course focuses on the application of biomechanical principles to the pathoetiology, diagnosis, and physiological capacity for healing of injuries to bone, ligament, tendon, cartilage, and other human tissues, with an emphasis on current injury research. Must be admitted to the M.S. in Athletic Training Program or instructor approval required.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5312. Evidence-Based Practice in Sports Medicine.
This course is designed to provide students with advanced study in the elements of evidence-based practice in sports medicine with focus on the role of accessing, retrieving, and critically appraising evidence to answer clinical questions in patient care. Must be admitted to the M.S. in Athletic Training Program or instructor approval required. Prerequisite: ESS 5346.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5317. Therapeutic Exercise and Rehabilitation.
This course is designed to provide both a theoretical and clinical basis for the use of therapeutic exercise in the rehabilitation setting, as well as to impart knowledge pertaining to the physiological effects, indications, contraindications and applications of therapeutic exercise in the rehabilitation of all athletic injuries. Must be admitted to the M.S. in Athletic Training Program.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5319. Therapeutic Evaluation and Intervention.
This course explores the scientific bases of therapeutic musculoskeletal exercise and neuromuscular evaluative techniques in the rehabilitation process. Must be admitted to the M.S. in Athletic Training Program.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

AT 5399A. Thesis.
This course represents a student’s initial thesis enrollment. No thesis credit is awarded until student has completed the thesis in AT 5399B. Graded on a credit (CR), progress (PR), no credit (F) basis.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AT 5399B. Thesis.
This course represents a student’s continuing thesis enrollment. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AT 5599B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AT 5999B. Thesis.
This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit