



University of Florida
College of Health and Human Performance
Department of Applied Physiology & Kinesiology
Undergraduate Athletic Training Program

Summer 2017 Course Syllabus | Last Date Revised: 06/26/2017

COURSE INFORMATION

ATR 4112c, Section 4E40: Emergency Management of Athletic Trauma (3 credits)

June 26th, 2017 – August 4th, 2017

Meeting Time: Monday, Tuesday, Wednesday 12:30pm – 1:45pm and Thursday 11:00am – 1:45pm

Meeting Location: Yon Hall Room 11

INSTRUCTOR

Dr. Christopher D. Brown, ATC, LAT, CSCS

Clinical Assistant Professor

Clinical Education Coordinator

Undergraduate Athletic Training Program

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Office Hours: By appointment, please schedule on Calendly: <https://calendly.com/cdbrown7>

COURSE DESCRIPTION

Students will learn to recognize, assess, treat and refer traumatic injury and acute emergent illness. *Pre-Requisite: Admission into athletic training major*

LEARNING OUTCOMES

1. Recognize the potential for emergencies that occur in athletics and understand the importance of emergency planning/preparedness.
2. Discuss the roles and responsibilities of athletic trainers, physicians, and emergency medical technicians in the management of athletic trauma or emergent illness situations.
3. Identify athletic trainers' scope of practice for acute emergencies and pre-hospital care.
4. Demonstrate proper selection and utilization of various types of emergency equipment (i.e., spine boarding, splinting, etc.)
5. Demonstrate appropriate use of cardiopulmonary resuscitation (CPR) and automatic external defibrillator (AED) for life saving procedures.
6. Demonstrate proper assessment of physiologic and neurovascular function (i.e., glucometer, peak flow meter, pulse oximeter, rectal thermometry) to determine emergent illness.
7. Identify signs and symptoms of emergency medical conditions (i.e., cardiac arrest, heat illness, shock, internal trauma, brain injury, etc.) and demonstrate proper management and referral.
8. Demonstrate proper use of universal precautions during emergency care.

REQUIRED TEXTS AND MATERIALS

Textbook	ISBN	
Sports Emergency Care – A Team Approach, 2 nd edition Author: Robb S. Rehberg Year: 2013 Publisher: SLACK, Inc.	978-1-6171-1005-4	Required
Emergency Management For Sport And Physical Activity Author: Douglas Casa and Rebecca Sterns Year: 2014 Jones and Bartlett	978-1-2840-2216-2	Required
NATA Research & Education Foundation Position Statements (www.natafoundation.org)		

COURSE REQUIREMENTS AND POLICIES

Examinations and Practical Examinations: There will be NO make-up examinations unless exceptional conditions occur (as defined in the University of Florida Undergraduate Catalog). Please see this link for more information.

<http://www.registrar.ufl.edu/catalog/policies/regulationattendance.html> Prior permission from the professor is required. There will be a time limit for each examination. Examinations will evaluate the understanding of material from lecture, text, and other supplemental material provided. As part of the CAATE requirements for completion of *Educational Competencies and Proficiencies*, **all students must pass (i.e., earn a “C” = 72% or higher) assessments of this material or complete remediation before moving on to the next course in the AT Program.** Students may complete up to two additional remediation opportunities, beyond the original assessment, to successfully pass a skill (practical exam) or content area (written/e-learning exam) within this course. Any student who cannot successfully complete the required CAATE competency and/or proficiency examinations after two remediation sessions will have their case reviewed by the AT Steering Committee. Students who require remediation two or more times throughout the semester on written and/or practical exams may also have their case reviewed by the AT Steering Committee.

Assignments: Assignments are due at the onset of class on the date assigned to them or submitted prior to the designated deadline in e-learning. **Please type all assignments** unless otherwise stated in the directions. **LATE ASSIGNMENTS ARE NOT ACCEPTED!** If you will be traveling for a University sanctioned event and will miss an assignment due date, your assignment is due **before** you leave. You must notify me with an explanation for missing class, in writing (email or letter), to receive an excused absence for class. Students are responsible for all materials missed because of an absence.

Laboratory Experiences: Laboratory experiences conducted throughout the semester may occur in Yon Hall 1, or 11 or off-site. Attendance and participation with laboratory experiences is required. Written notification of an absence (i.e., email) prior to class is required for an absence to be excused (see university regulations as stated above). Details/specific requirements for lab experiences will be available in Sakai prior to the lab date. Students must wear proper attire (e.g., gym shorts, tank tops, sports bras, etc.) during all lab experiences.

Attendance and Participation: Throughout the semester we may have various guest speakers' present information to the class. Your attendance at these presentations is expected; written notification of an absence (i.e., email) prior to the class is required for an absence to be excused (see university regulations as stated above). Prior preparation through chapter readings and outlining will enable active participation for productive discussions. All students are required to attend lecture and lab experiences (*please review the academic absence policy in the AT Program Student Handbook*). Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies found in the online catalog <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

COURSE SCHEDULE (SUBJECT TO MODIFICATION)

The course progression will tentatively follow the schedule below:

<i>Dates</i>	<i>Topics</i>	<i>Assignment</i>
June 26 th	Course Introduction (AT Program P&P Manual)	Read Chapter 1 (Rehberg) and Chapter 1 (Casa and Stearns)
June 27 th	Introduction to Emergency Care (Exam I) Developing Policies and Procedures (Exam I) 1. Intraosseous Infusion Article 2. FHSA 2016-2017 Policies 3. FL AT Scope of Practice	Read Chapter 2 (Rehberg) and Chapter 15 (Casa and Stearns)
June 28 th	Preparing for Emergencies (Exam I) Emergency Action Plans (Exam I) 1. Emergency Planning in Athletics Position Statement	Read Chapters 3-4 (Rehberg)
June 29 th	Assessment of Sport Emergencies (Exam I) Airway Management and Breathing (Exam I) 1. Supplemental Video - OPA and CombiTube 2. American Red Cross: Airway Adjuncts 3. American Red Cross: Oxygen 4. American Red Cross: Suction 5. Airway Scope of Practice for ATs	<i>Note: 3rd-4th Period</i> Read Chapter 5 (Rehberg) and Chapters 3-5 (Casa and Stearns)
July 3 rd	Cardiovascular Emergencies (Exam I) 1. Preventing Sudden Death in Sports Position Statement 2. Commotio Cordis Official Statement 3. Disqualifying Conditions Position Statement	Read Chapter 6 (Rehberg) and Chapter 8 (Casa and Stearns)
July 4 th	No Classes – Independence Day	
July 5 th	Management of Spinal Injuries (Exam II) Equipment Considerations (Exam II)	

	<ol style="list-style-type: none"> 1. NATA News Gymnastics Pit Extraction 2. C-Spine Pre-Hospital Management Official Statement 3. Consensus Statement: Appropriate Care of the Spine Injured Athlete 	
July 6 th	<i>Lab Experience: Vital Signs, Pulse Oximetry, Airway Adjuncts, Equipment Removal, Spine Boarding</i>	<i>Note: 3rd-4th Period</i> E-Learning Exam I: (6:00am July 6th – 11:59pm July 7th)
July 10 th	Guest Speaker: Dr. MaryBeth Horodyski (Director of Research OSMI) Management of Spine Injured Patient with and without equipment	Read Chapters 7 and 12 (Rehberg); Chapters 9, 12 and 14 (Casa and Stearns)
July 11 th	<p>Managing the Unconscious Athlete (Exam II)</p> <ul style="list-style-type: none"> • Shock • Seizures • Sudden Illness • Exertional Sickling • Allergic Reactions • Poisons • Diabetes • Asthma <ol style="list-style-type: none"> 1. Sickle Cell Consensus Statement 2. Asthma Position Statement 3. Diabetes Position Statement 4. Preventing Sudden Death in Sports Position Statement 	
July 12 th	<p>Managing the Unconscious Athlete, Shock, Seizures</p> <p>Sudden Illness, Exertional Sickling, Allergic Reactions and Poisons, Diabetes and Asthma (Exam II)</p>	
July 13 th	Review Emergency Cardiac Care Certification BLS Healthcare Provider (ARC) Blended Learning Course (Online Component due July 18th)	<i>Note: 3rd-4th Period</i> E-Learning Exam II (6:00am July 13th – 11:59pm July 14th)
July 17 th	Guest Speaker: Dr. Ray Castle (AT Program Director: Louisiana State University) Mass Casualty Event Management: Boston Marathon [Note: Meeting Location FLG 235]	Read Chapter 8 (Rehberg), Chapter 7 (Casa and Stearns)

July 18 th	<p>Concussion: Defining, Recognizing and Management (Exam III)</p> <ol style="list-style-type: none"> 1. Concussion Management Position Statement 2. Return to Learning Article 3. SCAT5 Form and Consensus Statement 	Read Chapter 13 (Rehberg) and Chapters 6, 11 and 13 (Casa and Stearns)
July 19 th	BLS Healthcare Provider Onsite Course Meeting and Skill Challenge (Note: 12:30pm – 3:00pm)	Bring 1-way valve mask and \$19 card fee
July 20 th	Lab Experience: SCAT 5, BESS, Splinting, Wound Care, Management of Hyperthermia; Nebulizer, Inhaler, Epi-Pen, Glucometer	<i>Note: 3rd-4th Period</i> Read Chapter 9-11 (Rehberg) and Chapter 10 (Casa and Stearns)
July 24 th	<p>Traumatic Injuries: Fracture and Soft Tissue Injuries, Thoracic, Abdominal and Pelvic Injuries (Exam III)</p> <ol style="list-style-type: none"> 1. Management of Acute Skin Trauma Position Statement 2. Preventing and Managing Sport-Related Dental and Oral Injuries 3. Tourniquet Use in AT 4. Use of Hemostatic Agents in AT 	Read Chapter 15 (Rehberg)
July 25 th	<p>Pediatric and Youth Sport Emergencies (Exam III)</p> <ol style="list-style-type: none"> 1. NATA Position Statement: Pediatric Overuse Injuries 2. EMS Pediatric Protocol Sheet 3. Emergency Trauma Pediatric Article 	
July 26 th	<i>Practical Exam Review</i>	Read Chapter 14 (Rehberg)
July 27 th	Practical Exam Appointments (11:00pm – 2:00pm)	<i>Note: 3rd-4th Period</i>
July 31 st	<p>Mental Health Emergencies (Exam III)</p> <ol style="list-style-type: none"> 1. Collegiate Psychological Conditions 2. Secondary Schools Psychological Conditions 3. Emergency Mental Health Concerns in Pediatrics 	Read Chapter 16 (Casa)
Aug 1 st	<p>Sport Law and Legislation Issues (Exam III)</p> <ol style="list-style-type: none"> 1. Scenario Case Discussion (Casa & Stearns) 	<i>NATA Research & Education Foundation Information</i>

Aug 2 nd	Using Position Statements and Practice Guideline Documents	<i>(Complete Teaching Evaluations Online)</i>
Aug 3 rd	E-Learning Exam III (6:00am August 3rd – 11:59pm August 4th)	<i>AT Program CAATE Professional Knowledge Book- ATR 4112c Due by Friday, August 4th at 12pm (FLG 100)</i>

Note: Please view course fees at <https://one.ufl.edu/soc/>

Additional BLS Healthcare Certification Card Fee \$19 and one-way valve mask required

GRADING CRITERIA

Letter Grade	Grade Points	Percentage
A	4.00	92 - 100
A-	3.67	89 - 91
B+	3.33	87 - 88
B	3.00	82 - 86
B-	2.67	79 - 81
C+	2.33	77 - 78
C	2.00	72 - 76
C-	1.67	69 - 71
D+	1.33	67 - 68
D	1.00	62 - 66
D-	0.67	60 - 61
E	0.00	Below 60

GRADING CRITERIA

E-Learning and Practical Exams	65%
Professional Knowledge Books, Labs	30%
Attendance and Participation	5%
TOTAL GRADE	100%

IMPORTANT NOTE: Students must earn a “C” or better in ATR 4112c to continue in the AT Program.

COLLEGE/UNIVERSITY-WIDE POLICIES

Academic Honesty: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. “ Students will exhibit behavior consistent with this commitment to the UF academic community. Academic misconduct appears in a variety of forms (including plagiarism) and may be punishable in a variety of ways, from failing the assignment and/or the entire course to academic probation, suspension or expulsion. On all work submitted for credit by students at the university, the following pledge is either required or implied: **"On my honor, I have neither given nor received unauthorized aid in doing this assignment."** Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Faculty will not tolerate violations of the Honor Code at the University of Florida and will report incidents to the Dean of Students Office for consideration of disciplinary action. The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. If you have

questions about what constitutes academic misconduct before handing in an assignment, see your instructor.

Academic Assistance and Student Services: Students who are in need of academic, career, or personal counseling services are encouraged to see the academic assistance website for further information on available services.

http://www.ufadvising.ufl.edu/academic_assistance/

ADA Policy: The University of Florida provides accommodations for students with documented disabilities. For more information regarding services and procedures for requesting accommodations visit <http://www.dso.ufl.edu/drc/>. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Cell Phone/Text Messaging Policy: Students will not engage in text messaging or access their cellular telephones during class time. Faculty will award special considerations at his/her discretion.

Confidentiality: The University ensures the confidentiality of student educational records in accordance with State University System rules, state statutes and [FERPA](#), the Family Educational Rights and Privacy Act of 1974, as amended, also known as the Buckley Amendment. <http://www.registrar.ufl.edu/catalog/policies/regulationconfidentiality.html>

Course Grading Policy: Students will earn their course grade based on completion of coursework as outlined in the Grading Criteria listed above. Percentage calculations are rounded up at “.6 or above” and rounded down at “.5 or below”. For more information regarding Grade Point Averages, Grade Values, etc. please visit the University registrar website listed below. <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Course Evaluations: Students should provide feedback on the quality of instruction in this course based on 10 criteria via online evaluations <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Email and E-Learning Policy: Students are required to check their University of Florida email and E-Learning Course account daily. Dissemination of reminders and course material may occur via email or through announcements in E-Learning; it is the student’s responsibility to read and respond (if appropriate).

Last Day to Withdraw: In order to withdraw from a course it is not sufficient simply to stop attending class or to inform the instructor of your intention to withdraw. In accordance with college policy, contact your adviser to begin the withdrawal process. To view the **last day for withdrawal** please visit <http://www.registrar.ufl.edu/catalog/adhub.html>

Student Resources: For University counseling and mental health services see information available online <http://www.counseling.ufl.edu/cwc/Default.aspx> or call 392-1575. To reach University Police Department call 392-1111 or 9-1-1 for emergencies.

Student Responsibility for Course Prerequisites: Students are responsible to have satisfied all published prerequisites for this class. Please review the prerequisites and discuss any questions with your instructor and/or your academic advisor.

U Matter We Care: Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.