



**COURSE INFORMATION**

ATR 4212c, Section 01AD: Athletic Injury Assessment: Upper Extremity (4 credits)  
 August 21, 2017 – December 6, 2017  
 Meeting Time: Monday and Wednesday 10:40am – 12:35pm  
 Meeting Location: Yon Hall II

**INSTRUCTOR**

Dr. Patricia M. Tripp, LAT, ATC, CSCS  
 Clinical Associate Professor  
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 Office Hours: By appointment, please email to confirm.

**COURSE DESCRIPTION**

Provides background information to conduct a thorough initial evaluation of upper extremity injuries commonly sustained by the physically active population. *Pre-requisite: "C" or better in ATR 3102 Principles of Athletic Training and admission into the athletic training major.*

**LEARNING OUTCOMES**

1. Identify, describe, explain, and apply proper injury/illness prevention, clinical evaluation and diagnosis strategies for common pathologies for upper extremity(i.e., shoulder, elbow, wrist, hand), head, neck, torso, and face
2. Integrate appropriate terminology and evidence-based procedures for injury assessment and management
3. Recognize the principles of injury mechanisms and the role of tissue mechanics for injury/illness prevention and management
4. Integrate and apply effective communication and documentation techniques during injury assessment and management

**REQUIRED TEXTS AND MATERIALS**

Textbook	ISBN	
Evaluation of Orthopedic and Athletic Injuries Author: Chad Starkey and Sara Brown Year: 2015 Edition: 4 <sup>th</sup> Publisher: FA Davis	978-0-8036-3918-8	Required
Orthopedic and Athletic Injury Evaluation Handbook Author: Chad Starkey and Sara Brown Year: 2015 Edition: 3 <sup>rd</sup> Publisher: FA Davis	978-0-8036-3919-5	Required
Cram Session in Goniometry and Manual Muscle Testing: A Handbook for Students & Clinicians Author: Lynn Van Ost Year: 2013 Edition: 1 <sup>st</sup> Publisher: Slack, Inc.	978-1-6171-1620-9	Required
Trail Guide to the Body	978-0-9829786-5-8	Required

Author: Andrew Biel Year: 2014 Edition: Revised 5 <sup>th</sup> Edition Publisher: Books of Discovery		
Please view course fees at <a href="https://one.uf.edu/soc/">https://one.uf.edu/soc/</a>		

## 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.

**Quizzes:** Quizzes will assess learning progress from lecture material and assigned readings. To ensure that students are reading the assigned material, the quizzes will be both announced and unannounced. There will be NO make-ups for missed quizzes (showing up late, etc.), 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>

**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 I, or II 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 Canvas 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>
August 21	Course Introduction (Syllabus, AT Program P&P 21 June 2017) Foundations of Examination and Chapter 1: Examination Process; Disablement Model Articles (Part 1 and Part 2) Chapter 2: Examination and Management of Acute Conditions [Notes Only – Review]	Read Foundations of Examination and Chapter 1, NATA Executive Summary Pre-Hospital Care Spine Injured Athlete, NATA Consensus Statement C-Spine and Equipment; Read Chapter 3
August 23	Chapter 3: Evidence Based Practice in the Diagnostic Process ATT Article – Diagnostic Accuracy	<i>Quiz #1 – Chapters 1-2</i> (opens 6am Thursday 8/24 and closes 11:59pm on Friday 8/25)
August 28	Chapter 3: Evidence Based Practice in the Diagnostic Process (Levels of Evidence for Clinical Questions)	Criterion Assessments (PEDRo Scale and Article 1, STARD Checklist and Article 2) (due in class on August 30)
August 30	Chapter 3: Evidence Based Practice in the Diagnostic Process and Criterion Assessment Article 1-2 Discussion	Confidence Intervals Article, Evidence Based Practice – Likelihood Ratio Nomogram and LR Homework (due in class on September 6)
September 4	No Classes: Labor Day	Evidence Based Practice HW Assignment (Clinical Questions) (Checklists - PEDro, STARD, PRISMA, STROBE) (due in class on September 18)
September 6	Evidence Based Learning Lab and Discussion (Systematic Approach to Clinical ?s, PICO, Literature Search, Finding the Evidence Video #1, Video #2, Video #3 – Figure Video #3) <i>Note: PDF videos have audio</i>	<i>Quiz #2 Evidence-Based Medicine (opens Thursday 9/07 and closes at 11:59pm on Friday 9/08)</i> Read Chapter 4 and Creep Response Article
September 11	Chapter 4: Injury Pathology Nomenclature	Read Chapter 5
September 13	Chapter 5: Musculoskeletal Diagnostic Techniques [Article Discussion]	Imaging Review Article and Diagnostic Ultrasound Upper Extremity and Lower Extremity
September 18	Guy Nicolette, MD, CAQSM Musculoskeletal Ultrasound SHCC Basement Conference Room	
September 20	E-Learning Exam I: Chapters 1-5, lab, handouts (exam window 6am-11:59pm)	Read Section 4 Upper Extremity Examination and Chapter 15
September 25	Chapter 15: Shoulder and Upper Arm Pathologies	
September 27	Chapter 15: Shoulder and Upper Arm Pathologies	See Shoulder Videos Folder in Chapter 15 Folder (Files) SLAP Mechanism Article, SLAP Evidence Article, Diagnostic Accuracy H/P of SLAP, Youth Adaptations Article

October 2	Chapter 15: Shoulder and Upper Arm Pathologies	Os Acromiale Case, Scapula Case
October 4	Chapter 15: Shoulder and Upper Arm Pathologies	Injury Diagnosis and Treatment Article, SLAP RTP Article
October 9	<i>Shoulder and Upper Arm Pathologies Lab</i>	Quiz #3 Chapter 15 Shoulder (opens 6am 10/10 and closes at 11:59pm on 10/11) Read Chapter 16
October 11	Chapter 16: Elbow and Forearm Pathologies	Valgus Extension Overload Article, Softball VEO Case, and Periostitis Article
October 16	Chapter 16: Elbow and Forearm Pathologies Chapter 17: Wrist, Hand, and Fingers Pathologies	Extensor Carpi Ulnaris Injury Article; Moving Valgus Stress Test Video
October 18	Chapter 17: Wrist, Hand, and Fingers Pathologies	Exam II Review Sheet Due 10/18 (in class)
October 23	<i>Elbow, Forearm, Wrist, Hand, and Fingers Pathologies Lab</i>	½ Professional Knowledge Book Skills Due
October 25	<b>E-Learning Exam II Chapters 15-17 (exam window 6am-11:59pm)</b>	
October 30	<b>Practical Exam I (Appointments 10:30-12:30)</b>	Read Chapter 14
November 1	Chapter 14: Cervical and Thoracic Spine Pathologies	Paget-Schroetter Syndrome Article, Neck Disability Index, Brachial Plexus Case Study Read Chapter 20 and Examination of Head (Section 5)
November 6	Chapter 14: Cervical and Thoracic Spine and Thorax Pathologies [Slipping Rib Article, Liver Laceration Case, Splenic Injury Case, Rib Stress Fracture]	NATA Position Statement Concussion 2014
November 8	Chapter 20: Head and Acute Cervical Spine Pathologies	2017 Berlin Concussion Consensus Statement, SCAT 5 Form, Child Assessment Rationale, SCAT5 Child Form, Concussion Infographic, King-Devick Article 2012 and 2014, NCAA Concussion Management and CDC Flyers - Youth and NFL Canadian Rules C-Spine, Head CT
November 13	Sport Related Concussion Position Statement Preventing Sudden Death Position Statement FHSA Guidelines and NFHS Rule	ImPACT Reliability Article 2013 Quiz #4 Chapters 14 and 20 (opens 6am-11:59pm 11/15)
November 15	<i>Cervical Spine, Head &amp; Concussion Lab</i>	Read Chapter 18 and 19
November 20	Chapter 18: Eye Pathologies and Learning Lab (Fluorescein and Contacts) Chapter 19: Face and Related Structures (Facial Injuries Article)	Prevention Eye Injury Article, Corneal Abrasion, Contact Lens, Dental Injuries in Sport Position Statement
November 22	<b>No Classes – Thanksgiving Holiday Break</b>	

November 27	Upper Extremity Goniometry and MMT Lab	
November 29	Jason Zaremski, MD: Throwing Injuries	Reminder: Course Evaluations <a href="https://evaluations.ufl.edu">https://evaluations.ufl.edu</a>
December 4	Practical Exam II (Appointments 10:30 -12:30)	
December 6	E-Learning Exam III Chapters 14, 18-20 (exam window Tuesday, December 5 at 6am- Wednesday, December 6 at 11:59pm)	Professional Knowledge Book Due by December 6 (submit in FLG 100c by December 8)

## 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

E-Learning Exams	50%
Practical Exams and Professional Knowledge	25%
Quizzes, Assignments, Labs	20%
Participation and Attendance	5%
<b>TOTAL GRADE</b>	<b>100%</b>

**IMPORTANT NOTE:** Students must earn a "C" or better in ATR 4212c 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/> or call 352.392.8565. Students requesting classroom accommodation must first register with the Disability Resource Center. The Disability Resource Center will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

**Campus Resources: 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](mailto:umatter@ufl.edu); 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.

**University Police Department:** 392.1111 or 9-1-1 for emergencies <http://www.police.ufl.edu/>  
**Counseling and Wellness Center:** <http://www.counseling.ufl.edu/cwc/Default.aspx>,  
352.392.1575; *Sexual Assault Recovery Services (SARS)* Student Health Care Center, 352.392.1161.

**Career Resource Center:** Reitz Union, 352.392.1601, <http://www.crc.ufl.edu/>

**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 by completing 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). *E-learning Help Desk:* <https://lss.at.ufl.edu/help.shtml> *Technical support:* 352.392.4357 (select option 2) or e-mail to [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu)

**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>

Library Resources Support: <http://cms.uflib.ufl.edu/ask>

**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.

**Student Complaints Process:** [https://www.dso.ufl.edu/documents/UF\\_Complaints\\_policy.pdf](https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf)

**Teaching Center:** General study skills and tutoring <http://teachingcenter.ufl.edu/> Broward Hall, 352.392.2010 or 352.392.6420.

**Writing Studio:** Formatting and writing papers assistance <http://writing.ufl.edu/writing-studio/>

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