

FALL 2

ATP 7113

REHABILITATION OF SPORTS INJURIES LAB

TBD

Instructor: Josh Yellen, EdD, ATC, LAT
Office: GAR 104K
Phone: (713) 743-5902
Email: jbyellen@central.uh.edu
Office Hours: Monday:
Tuesday:
Wednesday:
Thursday:
Friday

Course Description:

ATP 7113. REHABILITATION OF SPORTS INJURIES LAB. Credit 1 Hours.
Prerequisites: Formal acceptance for progression into the Master's Degree in Athletic Training. Laboratory to accompany ATP 7313; application of theories, skills and practice.

Textbook(s):

Prentice, W (2010). Rehabilitation Techniques in Sports Medicine, 5th Edition. Publisher: McGraw-Hill. ISBN: 978-0073376615

Norkin, C.C. & White, D.J. (2009). Measurement of Joint Motion: A Guide To Goniometry. Publisher: F.A. Davis. ISBN: 978-0803620667

Course Objectives:

Upon successful completion of this course students will be able to demonstrate the appropriate knowledge and skill base to understand the basic principles of:

1. Summarize the principles and concepts of, and both fit and apply standard protective equipment, taping and wrapping procedures/ techniques. (PHP-21, PHP-22, PHP-23)
2. Identify the patient's participation restrictions and activity limitations to determine the impact of the condition on the patient's life. (CE-7)
3. Identify functional and patient centered quality of life outcome measures and explain the role and importance of these measures in clinical practice and patient health- related quality of life. (CE-8, CE-9)
4. Differentiate between an initial injury evaluation and follow-up/reassessment as a means to evaluate the efficacy of the patient's treatment/ rehabilitation program and make modifications to the patient's program as needed. (CE-14)
5. Use standard technique and procedures for the clinical examination of common injuries, conditions, illnesses, and diseases including, but not limited to: history taking; inspection/ observation; palpation; functional assessment; special orthopedic tests; neurological assessments. (CE-20a-f)
6. Assess and interpret findings from a physical examination that is based on a patient's clinical examination, including: assessment of posture, gait, movement patterns; palpation; muscle function; quality/ quantity of osteokinematic joint motion; capsular/ ligamentous stress testing; joint play; special orthopedic tests; neurologic function. (CE-21a-h)
7. Determine when the findings of an examination warrant a referral. (CE-22)
8. Analyze the impact of immobilization, inactivity, and mobilization on the body systems and injury response. (TI-4)
9. Describe common surgical techniques that impact the selection and progression of a therapeutic intervention program. (TI-6)
10. Identify patient-and clinician- oriented outcome measures commonly used to recommend activity level, make return to play decisions and maximize patient outcomes and progress in the treatment plan. (TI-7)
11. Integrate self-treatment into the intervention when appropriate, including instructing the patient regarding self-treatment plans. (TI-10)
12. Design therapeutic interventions to meet specified treatment goals including but not limited to: assessing patient to identify indications, contraindications, and precautions applicable to intended intervention; position and prepare the patient for various therapeutic interventions; describe the expected effects and potential adverse reactions to the patient; apply the intervention, using parameters appropriate to the intended outcome; reassess the patient to determine the immediate impact of the intervention. (TI 11a-f)
13. Use the results of ongoing clinical examinations to determine when a therapeutic intervention should be progressed, regressed or discontinued. (TI-12)
14. Describe the relationship between the application of therapeutic modalities and the incorporation of active and passive exercise and/or manual therapies. (TI-13)

15. Describe and perform the use of joint mobilization in pain reduction and restoration of joint mobility as indicated by examination findings. (TI-14, TI-15)
16. Fabricate and apply taping, wrapping, supportive and protective devices to facilitate return to function. (TI-16).
17. Analyze gait and select appropriate instruction and correction strategies to facilitate safe progression to functional gait pattern. (TI-17)
18. Explain the relationship between posture, biomechanics, and ergonomics and the need to address these components in a therapeutic intervention. (TI-18)
19. Inspect therapeutic equipment and the treatment environment for potential safety hazards and identify manufacturer, institutional, state, and/or federal standards that influence the approval, operation, inspection, maintenance and safe application of therapeutic modalities and rehabilitation equipment. (TI-19, TI-20)
20. Perform a comprehensive clinical examination of a patient with a lower extremity injury or emergent condition. (CIP-4)
21. Based on the comprehensive clinical examination and findings provide the appropriate initial care and establish overall treatment goals of lower extremity injuries or emergent conditions. (CIP-4)
22. Create and implement a therapeutic intervention to target treatment goals for lower extremity injuries or emergent conditions. (CIP-4)
23. Integrate and interpret various forms of standardized documentation to recommend activity level, make return to play decisions and maximize patient outcomes and progress in treatment plans for lower extremity injuries or emergent conditions. (CIP-4)
24. Select and integrate appropriate psychosocial techniques into a patient's treatment or rehabilitation program to enhance rehabilitation adherence, return to play and overall outcomes. (CIP-7)

Retention and Progression Procedures & Policy:

After students have been formally accepted into the Master of Athletic Training Program at the University of Houston the ATS must maintain a G.P.A. of 3.0 or above and receive no more than one grade of "C" in any of the required Master of Athletic Training Program courses. When a student falls below the required G.P.A. and/or receives a grade of "C" in two or more classes, the ATS will be removed from the Master of Athletic Training Program.

Should the student who has been removed from the Master of Athletic Training Program wish to file a grievance, he/she must follow the guidelines as defined at the following link:

<http://www.uh.edu/class/students/graduate/academics-planning/policies-procedures/index.php>

Evaluation Methods:

Total Possible:

Grading Scale:

100-93:	A
92-85:	B
84-77:	C
76-69:	D
<69:	F

ADA STATEMENT

When possible, and in accordance with 504/ADA guidelines, we will attempt to provide reasonable academic accommodations to students who request and require them. Please call the Center for Students with Disabilities at ext. 3-5400 for more assistance.

ACADEMIC HONESTY

Honesty in your academic work is important in developing professional integrity. Students are to maintain a high standard of academic honesty, including doing your best work and reporting academic misconduct and plagiarism. At all times you must present your own, original work. Any student who commits academic misconduct will receive a zero for that assignment, and depending on the nature of the violation, may fail the class and be reported to the university for disciplinary action.

Grading Scale: