

SUMMER 2

ATP 7301

HEAD, NECK AND SPINE EVALUATION

TBD

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Office Hours: Monday:
Tuesday:
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Course Description:

ATP 7301. HEAD, NECK AND SPINE EVALUATION. Credit 3 Hours.
Prerequisites: Formal acceptance for progression into the Master's Degree in Athletic Training. A systematic examination of the fundamental principles and concepts of athletic training as it relates to the prevention, evaluation, diagnosis, treatment and rehabilitation of the head, neck and spine.

Textbook(s):

Magee, D.J. (2007). Orthopedic Physical Assessment, 5th Edition. Publisher: Saunders. ISBN: 978-0721605715

Starkey, C et.al. (2009). Examination of Orthopedic and Athletic Injuries, 3rd Edition. Publisher: F.A. Davis. ISBN: 978-0803617209

Brown, S et.al. (2003). Orthopedic and Athletic Injury Handbook. Publisher: F.A. Davis. ISBN: 978-0803611047

Norkin, CC & White, D.J. (2009). Measurement of Joint Motion: A Guide to Goniometry, 4th Edition. 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. Explain the etiology and prevention guidelines associated with the leading causes of sudden death during physical activity resulting from cervical spine injury. (PHP-17h)
2. Describe the basic principles of diagnostic imaging and testing and their role in the diagnostic process. (CE-6)
3. Apply clinical prediction rules (e.g. Ottawa Ankle Rules) during clinical examination procedures and demonstrate the ability to modify the diagnostic examination process according to the demands of the situation and patient responses. (CE-12, CE-15)
4. Determine criteria and make decisions regarding return to activity and/or sports participation based on the patient's current status using clinical reasoning skills to formulate an appropriate clinical and/or differential diagnosis for common illness/disease and orthopedic injuries/ conditions. (CE-17, CE-18, CE-19)
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. Explain the importance of monitoring a patient following a head injury including the role of obtaining a physician clearance before further participation. (AC-34)
9. Instruct the patient in home care and self-treatment plans for acute conditions. (AC-43)
10. Describe common surgical techniques that impact the selection and progression of a therapeutic intervention program. (TI-6)
11. Explain the relationship between posture, biomechanics, and ergonomics and the need to address these components in a therapeutic intervention. (TI-18)

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.