

George Mason University
College of Education and Human Development
[Athletic Training Education Program]

ATEP 575.201 – AT Clinical Techniques 3
3 Credits, Spring 2019
T/TH 6:45pm-9:25pm SciTech(PW): Bull Run Hall 148

Faculty

Name: Zahra C. Ismaeli, PhD ATC
Office Hours: By Appointment
Office Location: Bull Run Hall, Prince William Campus
Office Phone: 703-729-5010 ext. 211
Email Address: zismaeli@gmu.edu

Prerequisites

Admission to the Professional Masters ATEP and a grade of B- or better in the following courses: ATEP 530, ATEP 540, ATEP 545, ATEP 550, ATEP 555

Co-requisite

ATEP 560, ATEP 566, ATEP 575, ATEP 600

University Catalog Course Description

Applies principles of upper body, head and neck physical assessment. Develops evaluation skills including special testing leading to diagnosis.

Course Overview

Not Applicable.

Course Delivery Method

This clinical techniques laboratory course will be taught in the Athletic Training Clinical Simulation Laboratory.

Learner Outcomes or Objectives

The course is designed to enable students to do the following:

1. Describe mechanisms of upper body, head, neck and spine injuries, including the etiology, pathogenesis, pathomechanics, signs, symptoms, and epidemiology of these conditions
2. Define functional human anatomy, physiology and kinesiology relative to mechanisms of injury
3. Identify signs and symptoms of upper body, head, neck and spine injuries

4. Choose appropriate medical terminology and documentation to record injuries and illnesses (e.g., history and examination findings, progress notes, and others)
5. Describe specific sport and/or position requirements relative to the return of an injured athlete to activity following injury
6. Practice basic principles of acute management of upper body, head, neck and spine conditions and injuries
7. List the goniometric measurements of the upper body, and spine,
8. Administer neurological testing of the upper body, head, neck and spine,
9. Employ muscle testing of the upper body, head, neck and spine,
10. Synthesize the literature to develop an evidence-based research project (to include but not limited to case study, clinical research project, literature review), and
11. Critically appraise upper body, head, neck and spine evaluation techniques/interventions.

Professional Standards

Upon completion of this course, students will have met the following professional standards: The course meets Commission on Accreditation of Athletic Training Education (CAATE) competencies and proficiencies in one or more of the following content areas: evidence-based practice, prevention and health promotion, clinical examination and diagnosis, acute care of injury and illness, therapeutic interventions, psychosocial strategies and referral, healthcare administration, professional development and responsibility

Required Texts

1. Starkey C, Brown SD, Ryan J. Examination of Orthopedic & Athletic Injuries. 4th Ed. Philadelphia, PA: FA Davis; 2015.
2. Starkey C, Brown SD, Ryan J. Orthopedic and Athletic Injuries Examination Handbook. 3rd Ed. Philadelphia, PA: FA Davis; 2015.
3. Hoppenfeld, S: Physical Examination of the Spine and Extremities. Upper Saddle River, NJ: Prentice Hall; 1976

Recommended Texts

1. Biel, A. (2014). Trail Guide to the Body, 5th Edition. Boulder, CO: Books of Discovery

Course Performance Evaluation

Students will be evaluated on content standards (knowledge gained) and psychomotor competency performance (demonstration of the skill content). Content standards and psychomotor skills will be assessed via practical skill demonstrations (Competency Evaluations) and a comprehensive practical examination. Class participation will be assessed through completion of daily class activities.

- **Competency Assessment**

Performance will be assessed through completion of cognitive and psychomotor competency examinations.

- Comprehensive Practical Examination**
 One comprehensive practical examination will be administered. The examination will require a demonstration of content knowledge and psychomotor skill gained throughout the entire semester.
- Evidence Based Critical Presentation** – Students will be expected to critically review and present information regarding a clinical assessment for an assigned upper body, head, or neck injury
- Professional Behavior, Codes of Ethics, Attendance & Promptness**
 There are 25 points for professional behavior, codes of ethics, attendance, and promptness provided at the beginning of the course. Three points per infraction will also be deducted at the discretion of the instructor for lack of compliance with George Mason University Core Values Commitment, George Mason University Code of Ethics, and National Athletic Trainers Association Code of Ethics.

Grading Scale

ASSESSMENT METHOD	NUMBER	POINTS	POINTS
Class Participation	----	25	25
In-Class Assignments/Lab Workbook	----	100	100
Competency Evaluations	2	75	150
Comprehensive Practical Exam	1	150	150
Evidenced Based Critical Presentation	1	50	50
Professional Behavior, Codes of Ethics, Attendance & Promptness	1	25	25
TOTAL	—	—	500

The student's final letter grade will be earned based on the following scale:

A: 465 – 500 pts. (93%)	C+: 385 – 399 pts. (77%)
A-: 450 – 464 pts. (90%)	C: 365 – 384 pts. (73%)
B+: 435 – 449 pts. (87%)	C-: 350 – 364 pts. (70%)
B: 415 – 434 pts. (83%)	D: 315 – 349 pts. (63%)
B-: 400 – 414 pts. (80%)	F: < 315 pts. (0-59%)

Professional Dispositions

Students are expected to exhibit professional behaviors and dispositions at all times. It is critical each student conduct themselves in an appropriate manner and decorum fitting of a health care provider within and outside class. Making light of injuries, conditions, or illnesses that is not respectful to the class, instructor, or patient study will not be tolerated. Submission of documents or assignments should not include personal identifiable information and comply with Health Insurance Portability & Accountability Act (HIPAA) regulations. If you choose to be a part of a professional organization or club i.e. National Athletic Trainers' Association, GMU

Athletic Training Club, etc.; you will be expected to act and perform your duties according to those organizational values or code of ethics. <https://cehd.gmu.edu/students/polices-procedures/>.

- **Attendance**

Students are expected to be on time, attend all class meetings, and be prepared for in class assignments and projects. Excused absences include the following: illness (must bring a receipt or note from a doctor), family death, athletic/academic event (contact instructor in advance), and others at the discretion of the instructor. For known upcoming absences, students must contact the instructor at least **one** week in advance to the missed class to make up work. In the case of illness or some other unforeseen absence, the student must contact the instructor via e-mail or telephone the same day of the absence. At the next attended class meeting the student will discuss material that is to be completed with the instructor. *Students will have one week from the excused absence to complete any missed assignments.* It is the student's obligation to pursue any make-up work.

- **MAKE UP WORK**

Students who are absent or who arrive late without an official university or a medical doctor's excuse may miss quizzes or other in-class activities. There will be no make-up quizzes or exams unless an excused absence has been warranted. Students who miss an examination quiz or other class activity because of an excused absence must complete the assignment on their first time back in class. All make-up work must be completed by the last day of class unless other approved arrangements are made. It is the student's obligation to pursue any make-up work.

- **Class Participation & Professionalism**

Attending, being prompt, active participation and respect for peers and instructors are important components of this course. Therefore students will lose credit for not attending and contributing to the class. Unexcused absence will result in a point reduction of the student's final grade. Each late arrival will result in 1 point reduction of the student's final grade. If a student arrives more than 20 minutes after the beginning of class, it will be recorded as an unexcused absent event if the student attends the class.

- **Dress**

During the laboratory section of the course, students will be asked to wear appropriate clothing to expose various body parts for the purposes of practicing the application of various emergency medical procedures. Tank tops and sports bras/bathing suit tops will be required when topics focus on the upper body. Shorts will be required will be required when topics focus on the lower body.

- **Assignments**

Late assignments will not be accepted. Assignments should be submitted at the beginning of the class meeting on the due date. Late assignment will result in a zero (0) for the assignment. This applies to electronic submissions as well.

Your name (first name last name) **MUST** be on your papers when you turn them in. Failure to put your name on your paper will result in a zero (0) for the assignment.

- **Technology Use During Class**

As per GMU policy, all sound emitting technology is required to be turned off during the lecture and laboratory class meeting times. Additionally, no laptop computers or tablets will be permitted for use during class time; the exceptions are for use during presentations/projects, and technology deemed as necessary by the Office of Disability Services. Students utilizing various technology devices during class will be asked to leave class and will not be permitted to complete course work or receive any points for assignments that day.

- **E-Mail Correspondence**

Only messages that originate from a George Mason University address will be accepted; thus your e-mail address must end in gmu.edu. The instructor will not read e-mail messages not originating from a GMU account. Also, when corresponding with any professional at GMU or off campus via e-mail, use the following, appropriate professional format; any e-mail not using this format will be returned to the students for revision before a response will be issued:

Dear Dr. Z or Dr. Ismaeli (Beginning salutation)

I am really enjoying your class... (Body text)

Regards, (Ending Salutation)

(Your name: first name last name)

Class Schedule

Date			Topic	Readings/Assignment Due
T	Jan	22	INTRODUCTION Cervical and Thoracic Spine	Supplemental Reading Starkey: Chapter 1,4 Hoppenfeld: Chapter 5
TH	Jan	24	Cervical and Thoracic Spine	Starkey: Chapter 14 HF: Chapter 4
T	Jan	29	Shoulder and Upper Arm	Starkey: Chapter 15 HF: Chapter 1
TH	Jan	31	Shoulder and Upper Arm	Starkey: Chapter 15 HF: Chapter 1
T	Feb	5	Shoulder and Upper Arm	Starkey: Chapter 15 HF: Chapter 1
TH	Feb	7	Competency Evaluation #1 Elbow and Arm	
T	Feb	12	Elbow and Arm	Starkey: Chapter 16 Hoppenfeld: Chapter 2
TH	Feb	14	Wrist and Hand	Starkey: Chapter 17 Hoppenfeld: Chapter 3
T	Feb	21	Wrist and Hand	Starkey: Chapter 17 Hoppenfeld: Chapter 3
TH	Feb	21	Competency Evaluation #2 Head Face & Related Structures	
T	Feb	26	Head Face & Related Structures	Starkey: Chapter 19
TH	Feb	28	Concussion/Head and Acute Cervical Spine Pathologies	Starkey: Chapter 20
T	Mar	5	PRESENTATIONS	
TH	Mar	7	LAST DAY OF CLASS- Review	
TH	Mar	21	Cumulative Final Exam	

Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

Core Values Commitment

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <http://cehd.gmu.edu/values/>.

GMU Policies and Resources for Students

Policies

- Students must adhere to the guidelines of the Mason Honor Code (see <https://catalog.gmu.edu/policies/honor-code-system/>).
- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <http://ods.gmu.edu/>).
- Students must follow the university policy stating that all sound emitting devices shall be silenced during class unless otherwise authorized by the instructor.

Campus Resources

- Support for submission of assignments to Tk20 should be directed to tk20help@gmu.edu or <https://cehd.gmu.edu/aero/tk20>. Questions or concerns regarding use of Blackboard should be directed to <http://coursesupport.gmu.edu/>.
- For information on student support resources on campus, see <https://ctfe.gmu.edu/teaching/student-support-resources-on-campus>

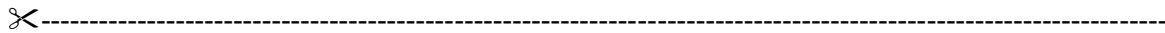
Student Acknowledgement of Syllabus

I, _____, (*Print First and Last Name*) by signing below, attest to the following:

- *I have read the course syllabus for ATEP 575 in its entirety, and I understand the policies contained therein. This syllabus serves as an agreement for ATEP 575 between me and the instructor.
- *I have a clear understanding of the due dates for assignments and examinations, and I accept responsibility for the material.
- *I am aware that failure to submit assignments by the dates assigned will result in no points awarded as late work will not be accepted.
- *I understand the instructor reserves the right to alter the provided schedules as necessary and I am responsible for the assignments and examination dates for the most current version of the syllabus schedule.
- *I accept responsibility for reading announcements that are sent to me via e-mail through Blackboard; it is my responsibility to access Blackboard e-mail for announcements and assignments.

Signature _____ **Date** _____

(Student Copy: This copy should remain attached to your syllabus)



Student Acknowledgement of Syllabus

I, _____ (*Print First and Last Name*) by signing below, attest to the following:

- *I have read the course syllabus for ATEP 575 in its entirety, and I understand the policies contained therein. This syllabus serves as an agreement for ATEP 575 between me and the instructor.
- *I have a clear understanding of the due dates for assignments and examinations, and I accept responsibility for the material.
- *I am aware that failure to submit assignments by the dates assigned will result in no points awarded as late work will not be accepted.
- *I understand the instructor reserves the right to alter the provided schedules as necessary and I am responsible for the assignments and examination dates for the most current version of the syllabus schedule.
- *I accept responsibility for reading announcements that are sent to me via e-mail through Blackboard; it is my responsibility to access my Blackboard e-mail for announcements and assignments.

Signature _____ **Date** _____

(Instructor Copy: Submit to the instructor at the end of the first class meeting)