

GEORGE MASON UNIVERSITY
School of Recreation, Health and Tourism

ATEP 365 001 —Therapeutic Interventions II
Spring 2014

DAY/TIME:	M, W: 9:00 – 10:30 AM	LOCATION:	BRH 148
PROFESSOR:	S. Ambegaonkar	EMAIL ADDRESS:	sambegao@gmu.edu
OFFICE LOCATION:	BRH 225A	PHONE NUMBER:	703-993-7119
OFFICE HOURS:	M,W: 12pm-1pm & by appointment	FAX NUMBER:	703-993-2025

PRE/CO-REQUISITES

Pre-requisites: Formal acceptance to the professional phase of the ATEP; ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270; BIOL 124, 125; HEAL 110, 230; PHED 300

Co-requisite: Concurrently enrolled in ATEP 360 and 366.

COURSE DESCRIPTION

An analysis of standard clinical techniques and therapeutic rehabilitation methods commonly used with a physically active population.

COURSE OBJECTIVES

At the completion of this course students should be able to complete the following:

1. Synthesize information obtained in a patient physical assessment to determine the indications, contraindications and precautions for the selection and evidence-based application of therapeutic rehabilitation to patients;
2. Interpret baseline and post-rehabilitation objective physical measurements to evaluate patient progress;
3. Appraise therapeutic rehabilitation and treatment environment for potential safety hazards;
4. Demonstrate techniques and procedures for the rehabilitation of conditions of the physically active;
5. Develop treatment and rehabilitation protocols for various conditions of the physically active.
6. Formulate a progressive rehabilitation plan from initial assessment to return-to-participation;
7. Employ appropriate clinical therapeutic rehabilitation techniques, exercises, and equipment;
8. Modify appropriate clinical therapeutic rehabilitation techniques, exercises, and equipment according to patient physiological and psychological response;
9. Conduct functional testing procedures and appraise information to determine appropriate return-to-participation;
10. Employ proper medical documentation procedures;
11. Establish lines of communication to elicit and convey information about the patient's status and the prescribed rehabilitation protocol(s); and,
12. Maintain patient confidentiality.

NATURE OF COURSE DELIVERY

Face-to-face

COURSE OVERVIEW

This clinical techniques laboratory course will be taught in the Athletic Training Clinical Simulation Laboratory. The focus of this course is to develop the cognitive and psychomotor competencies necessary

for the safe, effective, and evidenced-based application of therapeutic rehabilitation techniques in a physically active patient population.

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, 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. At the next attended class meeting the student will discuss material that is to be completed. It is the student's obligation to pursue any make-up work.

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 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 when topics focus on the lower body.

Special Requirements

This course requires a laboratory fee of \$100.00. Fees must be paid NO LATER THAN January 28, 2014. Fees must be paid online via rht.gmu.edu/course-fees. Detailed instructions will be provided in a separate sheet.

Accreditation 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 READINGS

- 1) Houglum, P (2010) *Therapeutic Exercise For Musculoskeletal Injuries*. 3rd ed. Champaign, IL: Human Kinetics Co.
- 2) Denegar CR, Saliba E, & Saliba S. *Therapeutic modalities for musculoskeletal injuries*. Human Kinetics, 2010.

RECOMMENDED READINGS

- 1) Shultz, S. J., Houglum, P. A., Perrin, D. H: *Examination of Musculoskeletal Injuries* (3rd Ed). Champaign, IL: Human Kinetics; 2005
- 2) Andrews, JR., Harrelson, GL., Wilk, KE. (2004) *Physical Rehabilitation of the Injured Athlete*. Philadelphia, PA: Saunders.

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

Attending, being professional, and active participation are important components of this course and expected. Class participation will be assessed through attendance and completion of daily class activities.

In-Class Activities

Students will turn in class activities for points. Each class activity is worth 25 points. Students are only able to complete the activities if they are present in class.

Competency Evaluations

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.

Course Grading Scale

ASSESSMENT METHOD	POINTS EACH	POINTS TOTAL
Class Participation	2	50
In-Class Activities	25	50
Competency Evaluations 1,2, 3 & 4	75	300
Comprehensive Practical Examination	100	100
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.

MAKE UP WORK

Students who are absent or who arrive late without an official university or a medical doctor's excuse may miss in-class activities. There will be no make-up exams unless an excused absence has been warranted. Students who miss an examination 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.

TECHNOLOGY USE DURING CLASS

As per GMU policy, all sound emitting technology is required to be turned off during the class meeting time. No sound emitting technology (e.g., cell phones, smart phones, iPads, Tablets, pagers, etc.) is allowed at any time during the class period. Students who are observed using any form of technology inappropriately (e.g., sending text messages from cell phones, visiting social networking sites from laptops, etc) will be dismissed from class for the day, counted as an absence, and not permitted to make up missed assignments. Additionally, no laptop computers (e.g., netbooks, notebooks, etc.) will be permitted for use during class time unless with permission from the instructor.

E-mail Correspondence:

Only messages that originate from a George Mason University address will be accepted.

Please address the subject line for all email pertaining to this course as:

ATEP 365: Last Name –purpose of email.

The following is an appropriate professional format:

Dear Mrs. Ambegaonkar (*Beginning salutation*)

I have a question regarding ... (*Text body*)

Regards, (*Ending Salutation*)

(*Your name*)

OTHER USEFUL CAMPUS RESOURCES:

WRITING CENTER: (703) 993-1200; <http://writingcenter.gmu.edu>

Fairfax campus –A114 Robinson Hall

Prince William campus –204 Occoquan Bldg.

UNIVERSITY LIBRARIES: “Ask a Librarian” <http://library.gmu.edu/mudge/IM/IMRef.html>

COUNSELING AND PSYCHOLOGICAL SERVICES (CAPS): (703) 993-2380;

<http://caps.gmu.edu>

UNIVERSITY POLICIES: The University Catalog, <http://catalog.gmu.edu> is the central resource for university policies affecting student, faculty, and staff conduct in university affair.

DAY	DATE	TENTATIVE TOPIC
1	1/22	Introduction
2	1/27	Patient Assessment, Goal Setting, SOAP note (Activity # 1)
3	1/29	Basic Concepts of Rehabilitation – PNF techniques
4	2/3	Basic Concepts of Rehabilitation– Manual Therapy techniques
5	2/5	Competency Evaluation # 1 (Rehabilitation Concepts, Goal setting)
6	2/10	Therapeutic Exercises for Shoulder & Arm
7	2/12	Therapeutic Exercises for Shoulder & Arm
8	2/17	Therapeutic Exercises for Shoulder & Arm
9	2/19	Therapeutic Exercises for Elbow & Forearm
10	2/24	Therapeutic Exercises for Elbow & Forearm
11	2/26	Therapeutic Exercises for Wrist & Hand
12	3/3	Therapeutic Exercises for Wrist & Hand
13	3/5	Competency Evaluation # 2 (Upper Extremity)
	3/10-3/16	No Classes Spring Break
14	3/17	Therapeutic Exercises for Hip
15	3/19	Therapeutic Exercises for Hip
16	3/24	Therapeutic Exercises for Knee
17	3/26	Therapeutic Exercises for Knee
18	3/31	Therapeutic Exercises for Foot, Ankle, and Lower Leg
19	4/2	Therapeutic Exercises for Foot, Ankle, and Lower Leg
20	4/7	Competency Evaluation #3 (Lower Extremity)
21	4/9	Therapeutic Exercises for Spine & SI Joint
22	4/14	Therapeutic Exercises for Spine & SI Joint
23	4/16	Therapeutic Exercises for Spine & SI Joint
24	4/21	Postural Considerations
25	4/23	Competency Evaluation #4 (Spine, SI & Postural Considerations)
26	4/28	Special Considerations during Therapeutic Exercises
27	4/30	Special Considerations during Therapeutic Exercises
28	5/5	Writing discharge summaries (Activity # 2)
29	5/12	Comprehensive Practical Examination – 7:30 am-10:15 am

Note: Faculty reserves the right to alter the schedule as necessary.

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Student Expectations

- Students must adhere to the guidelines of the George Mason University Honor Code [See <http://oai.gmu.edu/honor-code/>].
- Students with disabilities who seek accommodations in a course must be registered with the George Mason University Office of Disability Services (ODS) and inform their instructor, in writing, at the beginning of the semester [See <http://ods.gmu.edu/>].
- 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 George Mason University 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 must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.

Campus Resources

- The George Mason University Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance [See <http://caps.gmu.edu/>].
- The George Mason University Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing [See <http://writingcenter.gmu.edu/>].
- For additional information on the College of Education and Human Development, School of Recreation, Health, and Tourism, please visit our website [See <http://rht.gmu.edu/>].

PROFESSIONAL BEHAVIOR: Students are expected to exhibit professional behaviors and dispositions at all times.

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.

