

GRADUATE COUNCIL: PROPOSAL FOR CHANGE IN EXISTING COURSE/PROGRAM

Originating Unit

Type of action: change in course change in program

Type of change requested:

Number

Course Title

Description

Prerequisite(s) Program

Drop Course

Requirements

Drop Program*

Other, please specify

**A SACSCOC Drop Program Justification form will need to be completed*

Semester and year course/program will take effect:

Course instructional methodology:

course component types: [ugradcouncil.tcu.edu/forms/Course Component Types.pdf](http://ugradcouncil.tcu.edu/forms/Course%20Component%20Types.pdf)

Current name:

Proposed name:

Appropriate computer abbreviation (30 spaces or less):

Programs Only

Current program code:

(ex:EDCE-PHD)

Proposed code (list 2)

or

Current CIP code:

Does the change require a new or change in CIP code: Yes No

If yes, what is the proposed new CIP code:

*for reference please visit: nces.ed.gov/ipeds/cipcode/resources.aspx?y=56

Is the program already considered TCU STEM: Yes No

Does the change include a request to be a TCU STEM program: Yes No

Description of change (omit if dropping a course or program):

Present Catalog Copy

Proposed Catalog Copy:

Supporting evidence or justification:

Explain how the change(s) will affect the current outcomes and assessment mechanisms?

Additional resources required

Faculty:

Space:

Equipment:

Library:

Financial Aid:

Other:

Change in teaching load:

Does this change affect any other units of the University? Yes No

If yes, submit supporting statement signed by chair of affected unit.

If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and the cross-listed units.


Chair of Originating Unit:

Name:

Unit:

Signature:

Peter Weyand

 Digitally signed by Peter Weyand
Date: 2023.12.09 09:53:44 -06'00'

Department of Kinesiology
Master of Science in Athletic Training Program
KINE 55023: Introduction to Therapeutic Interventions
Summer (June) 2024

Instructor: Kristina White, PhD, LAT, ATC

Office: Rickel 172F

Office Phone: 817-257-6367; c: 214-226-2381

Email: kristina.white@tcu.edu

Course Time & Location: T/R; 8:00-12:30pm; Rickel 036

Office Hours: By appointment

Credits: 3 Hours

Prerequisites: Admission to Master of Science in Athletic Training Program

COURSE DESCRIPTION

Foundational knowledge and skills of therapeutic interventions in the treatment and rehabilitation of musculoskeletal injuries.

The following Curricular Content from the 2020 Standards for Accreditation of Professional Athletic Training Programs will be addressed in this course:

58. Incorporate patient education and self-care programs to engage patients and their families and friends to participate in their care and recovery. (*Assessment: Patient Education & Home Care Plan*)

62. Provide athletic training services in a manner that uses evidence to inform practice. (*Assessment: Midterm & Final Written Examinations, Midterm & Final Practical Examinations*)

73. Select and incorporate interventions (for pre-op patients, post-op patients, and patients with nonsurgical conditions) that align with the care plan. Interventions should include the following: (***Assessment: Final Written Examination, Therapeutic Interventions Project***)

- Therapeutic and corrective exercise
- Joint mobilization and manipulation
- Soft tissue techniques
- Movement training (including gait training)
- Motor control/proprioceptive activities
- Task-specific functional training
- Therapeutic modalities
- Home care management
- Cardiovascular training

87. Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement. (***Assessment: Final Written Examination, Final Practical Examination***)

COURSE OBJECTIVES

Upon successful completion of this course, the student will:

1. Understand the tissue healing process and timetable.
2. Understand the tissue healing process and incorporate into the rehabilitation process.
3. Construct a theoretically sound protocol for the use of selected therapeutic interventions.
4. Apply evidence-based techniques in selecting and delivering therapeutic interventions.
5. Identify the indications and contraindications of therapeutic interventions including thermotherapy, cryotherapy, ultrasound, electrotherapy, diathermy, laser/light therapy, massage, and traction.
6. Select and incorporate interventions that align with the care plan.
7. Plan and implement a sport-specific functional rehabilitation program, including development of therapeutic objectives, selection of functional activities, and assessment of rehabilitation progress.

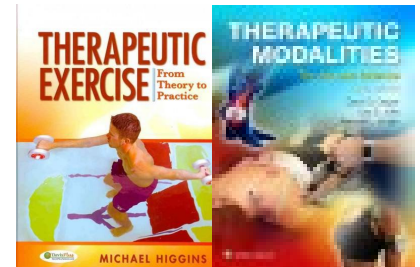
8. Select and use biometrics and physiological monitoring systems and translate the data into effective preventive measures, clinical interventions, and performance enhancement.

COURSE STRUCTURE/APPROACH

The material of this course will be delivered in a facilitated lecture format. Students will be expected to read the material and complete guided readings PRIOR to class in order to participate in discussion. Lab will include application of clinical skills and use of simulation to reinforce learning. Students are expected to be engaged in the class discussion and actively participate in lab sessions. Written and practical skills examinations will be given to assess learning.

TEXTBOOK AND REQUIRED MATERIALS

1. Higgins, M. Therapeutic Exercise: From Theory to Practice, FA Davis (2011).
2. Draper, DO, Jutte, LS, Knight, KL (2021). Therapeutic Modalities: The Art and Science (3rd ed.). Wolters Kluwer
3. TCU Library access and literature search understanding/abilities.



COURSE ASSIGNMENTS AND EXAMINATIONS

Examinations (60%): There will be two (2) written exams as per the course outline (25% each).

Practical Exams (20%): There will be 2 practical exams as per the course outline that will allow the student to display their ability to select, apply, and monitor a therapeutic modality or intervention. This will assist in demonstrating proficiency (10% each).

Assignments (10%): Student will be given assignments to determine understanding of material and application to patient scenarios.

Labs (20%): Lab activities and guided readings will be assigned in conjunction with lecture material. These assignments will aid in your understanding of the therapeutic intervention.

GRADING SCALE:

Grade	Percent
A	89.50-100
B	79.50-89.49
C	69.50-79.49
F	69.49 and below

INCLUSIVE & EQUITABLE CLASSROOM LEARNING

Everyone in the class is navigating the course as imperfect humans; we may not always get things right, but the intent is to foster a respectful space where everyone can learn from each other and from each other's mistakes.

I am committed, whether teaching in person or online, to create an inclusive and equitable classroom for my students by:

1. Creating learning spaces where students feel valued and included
2. Setting clear expectations about course work and deadlines, and
3. Making learning and assessment available and relatable to every student.

HONOR CODE

As a member of the TCU community, I will actively contribute to an environment of academic integrity. We are ethical leaders and will not participate in any form of academic misconduct.

ATTENDANCE

Class attendance is mandatory. Any absences should be cleared with the instructor prior to missing class. In the event that an unforeseeable situation arises, please contact the instructor as soon as possible. **Each unexcused absence will result in a 5-point deduction from the overall course grade.** Please arrive for class on time and prepared (e.g. readings, assignments, dressed appropriately). **Late work and make up assignments will only be allowed for official university absences and must be coordinated in advance of the absence.**

LATE WORK POLICY

Submission of course assignments and projects beyond the assigned due date is unacceptable. Any assignment or project submitted beyond the posted due date will incur a 10% reduction in the graded assignment/project. Students will receive a '0' on any assignment or project not submitted within 2 weeks of the posted deadline. **NOTE:** If the assignment or project serves as an assessment for any of the assigned curricular content standards for this course, the student must submit the assignment to determine proficiency. Failure to submit the assignment may result as an Incomplete in the course and delay the student's degree progression.

PROGRAM REMEDIATION POLICY

Students who do not score a 75% or higher on written and/or practical exams will meet with the instructor for remediation and will be reassessed on the content. Students cannot earn a grade higher than the minimum proficiency (75%) for the assessment following remediation. If students score below a 75% on the final exam, they will still remediate, but the initial earned grade on the exam will be used to determine student's final grade.

GRADING CONCERNS

All concerns regarding grades should be brought to the attention of the instructor in a timely manner (within a week of identifying the concern or the grade being posted, whichever comes first). The TCU policy for grade appeals can be found at <https://deanofstudents.tcu.edu/student-handbook/academic-policies/grade-appeal-procedure/>

TCU SYLLABUS POLICIES AND RESOURCES

Information regarding the TCU mission, honor code, academic support & success, wellbeing, campus information, college & school support for students, student access & accommodation policies, TCU's non-discrimination policy, Title IX, mandatory reports & campus resources, excused absences and medical leave, academic misconduct policy & examples, course materials policy, TCU's policy for religious observations & holidays, inclement weather policy, emergency response information, TCU Alert, email policy, class norms & netiquette policies, TCU Online, and SPOT information can be found at the following link:

<https://cte.tcu.edu/tcu-syllabus-policies/>

COURSE SCHEDULE: This calendar represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunities. Such changes will be clearly communicated, and an updated syllabus will be posted.

	DATE	TOPIC	READING
Week 1	Tuesday, June 4	<ul style="list-style-type: none">• Therapeutic Modalities: What they are and why they are used• General Application Procedures• Tissue Response to Injury• Immediate Care, & the Healing Process	Chapters 1, 3, 5-7 (Draper & Knight)
	Thursday, June 6	<ul style="list-style-type: none">• Record Keeping• Pain Pathways• Thermotherapy & Cryotherapy	Chapter 4, 8-13 (Draper & Knight)
Week 2	Tuesday, June 11	<ul style="list-style-type: none">• Electrotherapy & Ultrasound• Diathermy	Chapters 14-17 (Draper & Knight)

	Thursday, June 13	<ul style="list-style-type: none"> • Laser • Traction, Massage and Manual Therapies • Exam Review 	Chapters 18-21 (Draper & Knight)
Week 3	Tuesday, June 18	<ul style="list-style-type: none"> • Written & Practical Midterm Exam • Intro to Designing a Rehab Program • Psychological Aspects <p style="color: red;">Patient Education/Home Care Plan due by 11:59pm</p>	Chapters 1-3 (Higgins)
	Thursday, June 20	<ul style="list-style-type: none"> • Measurement in Rehabilitation • Range of Motion and Stretching Techniques • Joint Mobilizations • Proprioception, NM Control and Balance 	Chapters 4-6, 13 (Higgins)
Week 4	Tuesday, June 25	<ul style="list-style-type: none"> • Core Stability • Strength, Endurance, Power • Plyometrics • Functional Training 	Chapters 7-9 (Higgins)
	Thursday, June 27 (TBD)	<ul style="list-style-type: none"> • Aerobic Conditioning • Aquatic Exercise • Sport-Specific Training/RTP Protocols • Therapeutic Interventions Project due by 11:59pm 	Chapters 11, 12 (Higgins)
Week 5	Tuesday, July 2	Review and Wrap Up	
	Thursday, July 4	NO CLASS – University Holiday	
	Friday, July 5	Final Written & Practical Exams	

TCU MASTER OF SCIENCE IN ATHLETIC TRAINING PROGRAM MISSION

The mission of the TCU Master of Science in Athletic Training Program is to prepare graduates to be confident healthcare providers and life-long learners through quality didactic, clinical, and interprofessional education experiences. Students will develop evidence-based knowledge and skills, while demonstrating professionalism, ethical conduct, and critical thinking skills.

HARRIS COLLEGE OF NURSING & HEALTH SCIENCES MISSION

To enhance global health through education, scholarship & innovation.

TCU MISSION

The mission of Texas Christian University, a private comprehensive university, is to educate individuals to think and act as ethical leaders and responsible citizens in the global community through research and creative activities, scholarship, service, and programs of teaching and learning offered through the doctoral level.

