

PTA 005: KINESIOLOGY LAB

Originator

mawilson

Co-Contributor(s)**Name(s)**

Fitzpatrick, Benjamin

Justification / Rationale

Adjusting number of units and moving from lecture to lab to align class with CAPTE standards

Effective Term

Fall 2022

Credit Status

Credit - Degree Applicable

Subject

PTA - Physical Therapist Assistant

Course Number

005

Full Course Title

Kinesiology Lab

Short Title

KINE LAB

Discipline**Disciplines List**

Physical Therapy Assisting

Modality

Face-to-Face

Catalog Description

This lab course allows for the hands-on learning of functional anatomy and kinesiology. Focus will include muscle and joint function, ROM/strength testing, palpation skills and exercise concepts.

Limitation on enrollment: Admission to the Physical Therapist Assistant (PTA) Program

Schedule Description

Focuses on understanding assessment of biomechanics through goniometric and muscle testing.

Prerequisite: KINE 008

Advisory: ENG 061

Limitation on enrollment: Admission to the Physical Therapist Assistant (PTA) Program

Lecture Units

0

Lab Units

1

Lab Semester Hours

54

In-class Hours

54

Out-of-class Hours

0

Total Course Units

1

Total Semester Hours

54

Prerequisite Course(s)

KINE 008

Advisory: ENG 061

Limitation on Enrollment

Admission to the Physical Therapist Assistant (PTA) Program

Required Text and Other Instructional Materials**Resource Type**

Book

Open Educational Resource

No

Formatting Style

APA

Author

Kisner, Carolyn

Title

Therapeutic Exercise

Edition

5th

Publisher

F.A. Davis

Year

2012

College Level

Yes

ISBN #

9780803625747

Class Size Maximum

25

Entrance Skills

Identify and employ prewriting activities.

Requisite Course Objectives

ENG 061-Use theses to organize paragraphs into coherent analyses.

Entrance Skills

Comprehend and summarize readings.

Requisite Course Objectives

ENG 061-Demonstrate the ability to read and respond in writing beyond the literal interpretation of the text.

Entrance Skills

Generate, develop, and organize ideas in writing.

Requisite Course Objectives

ENG 061-Recognize features of style such as purpose, audience and tone integrate these elements into academic and professional writing.

Entrance Skills

Knowledge of scientific foundations of Kinesiology.

Requisite Course Objectives

KINE 008-Identify the basic concepts of kinesiology.

Entrance Skills

Knowledge of the scientific foundations of human movement.

Requisite Course Objectives

KINE 008-Identify the fundamental concepts of basic movements.

Entrance Skills

General knowledge of the field of kinesiology and the recognized sub-disciplines.

Requisite Course Objectives

KINE 008-Identify the relationship between performance in the movement forms of sport, dance, and exercise and the conceptual foundations of the sub-disciplines.

Lab Content

1. Manual Muscle Test
2. ROM/Goniometry
3. Palpation
4. Normal Gait
5. Functional Movement Assessment
6. Exercise Prescription

Course Objectives

	Objectives
Objective 1	Demonstrate competence in implementing motor function training and determine when an intervention should not be performed using clinical indicators.
Objective 2	Consistently utilize proficient communication skills to effectively educate patients on subjects such as exercise prescription.
Objective 3	Use clinical indications to determine when therapeutic exercise should be performed and demonstrate competence in implementing therapeutic exercise as an intervention when deemed appropriate.
Objective 4	Administering appropriate tests and measures of gait, locomotion, and balance and analyze the results to detect deviations and limitations.
Objective 5	Explain and demonstrate competency in administering appropriate tests and measures of joint integrity, mobility, and range of motion.
Objective 6	Describe and proficiently administer appropriate tests and measures of muscle performance including manual muscle testing.

Objective 7 Demonstrate proficiency in implementing manual therapy techniques as identified in the plan of care established by the physical therapist.

Objective 8 Relate outcomes of muscle and joint testing to static and dynamic postures.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:

Outcome 1 Apply ROM, strength and biomechanical assessment to understand human movement.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Discussion	Small and large group discussions around learning unit materials and lectures. Cohort model used to analyze program design and case study application.
Laboratory	Hands-on practice with ROM, strength and palpation.
Participation	Students will work in pairs to practice hands on skills.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Student participation/contribution	Student engagement and partnership through practice and practicals	In Class Only
Oral and practical examination	Used to check for learning. Mid-term and final exam given (100 questions total).	In Class Only

Assignments

Grade Methods

Letter Grade Only

MIS Course Data

CIP Code

51.0806 - Physical Therapy Technician/Assistant.

TOP Code

122200 - Physical Therapist Assistant

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

No

Files Uploaded**Attach relevant documents (example: Advisory Committee or Department Minutes)**

PTA 005 CO Approval Letter.pdf

Approvals**Curriculum Committee Approval Date**

03/17/2022

Academic Senate Approval Date

03/24/2022

Board of Trustees Approval Date

04/22/2022

Chancellor's Office Approval Date

05/06/2022

Course Control Number

CCC000631404