

Northwest Arkansas Community College
Health Professions Division
Physical Therapy Assistant Program

Discipline Code

PHTA

Course Number

2283

Course Title

Physical Therapy Procedures I Lecture

Catalog Description

This course is designed to provide the PTA student with a comprehensive knowledge including physiological and therapeutic effects, indications, contraindications, and precautions of thermal, light, electrical, and mechanical agents commonly used in the physical therapy setting.

Prerequisites

A list of required general education courses for each program is available on the PTA website and must be passed with a grade of C or better for students to be considered eligible for acceptance into the PTA program

Credit Hours

3 credit hours

Contact hours

45 lecture contact hours

Load hours

3 load hour

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Upon successful completion of this course, the student should be able to:

1. Use standard pain scales to assess and describe the type and location of pain.
2. Assess and describe girth, edema, sensation, circulation and integumentary integrity.

3. Use physiologic rationales to support modality choice and parameter selection for modalities covered in this class.
4. Given patient scenarios, identify indications, precautions, contraindications and adverse effects for the modalities covered in the course.
5. Identify the phases of healing, the basic physiological processes in each phase, and the factors influencing normal & abnormal healing.
6. Understand and utilize the biophysical properties of the modalities covered in this course to allow safe and therapeutic treatment while staying in the plan of care
7. Communicate verbally, through demonstration, and/or written instruction, to the patient, caregiver, and other health care providers directions for using equipment covered in this class.
8. Safely administer, assess, sequence, modify, and progress modality treatments while staying within the plan of care and justify the treatment selections
9. Accurately document treatment sessions, including procedure, parameter, patient response, and effectiveness of treatment.
10. Acknowledge when to and recognize the necessity to report all changes in treatment sessions to the appropriate healthcare providers. (supervising PT, nurse, physician, etc.)
11. Conduct self in a safe, professional, legal, and ethical manner during simulated patient care.
12. Describe &/or demonstrate the ability to sequence a treatment session including exercise, gait and modalities taking into consideration goals, plan of care, availability of treatment time, cognition of the patient, patient expectations, modality availability, and previous patient experience with various modalities.
13. Apply &/or demonstrate appropriate safety precautions for use of electrical equipment and problem solve equipment operation.
14. Given a mock patient and a PT Initial Evaluation, with PT goals and POC, demonstrate competence in choosing and implementing appropriate modalities to meet goals set by the PT within the parameters of the plan of care and based objective findings.

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students can employ a variety of sources to locate, evaluate, and use Information.
- Students gain greater awareness of cultural perspectives.
- Students can write clear, coherent, well-organized documents, substantially free of errors.
- Students develop effective oral communication skills.

