

Master Syllabus

PTA 2405 - Modalities II

Division: Health Sciences

Department: Rehabilitation Services

Credit Hour Total: 1.0 **Lab Hrs:** 2.0

Prerequisite(s): PTA 2325

Other Prerequisite(s): Restricted to Majors

Date Revised: March 2016

Course Description:

Physiology and rationale for use and application of biophysical agents including, but not limited to, hydrotherapy, biofeedback, light therapies and taping. Two lab hours per week.

General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Information Literacy Competency

Course Outcomes:

Principles

Students will understand the principles of other biophysical agents and how to appropriately apply them to patient's.

Assessment Method: Oral examination

Performance Criteria:

Demonstrate at least 77% accuracy on lab competencies and lab practicals

Assessment Method: Simulations

Performance Criteria:

Able to demonstrate 100% accuracy in simulated treatments on check-offs and competencies, with faculty feedback and repeated practice

Patient Assessment

Students will be able to assess the patient's appropriateness for a modality and assess the treatment outcomes.

Assessment Method: Oral examination

Performance Criteria:

Demonstrate at least 77% accuracy on lab competencies and lab practicals

Assessment Method: Simulations

Performance Criteria:

Able to demonstrate 100% accuracy in simulated treatments on check-offs and competencies, with faculty feedback and repeated practice

Intervention Selection

Students will be able to select appropriate modalities to treat the affected tissue/structure.

Assessment Method: Oral examination

Performance Criteria:

Demonstrate at least 77% accuracy on lab competencies and lab practicals

Assessment Method: Simulations

Performance Criteria:

Able to demonstrate 100% accuracy in simulated treatments on check-offs and competencies, with faculty feedback and repeated practice

Intervention Application

Students will be able to competently apply modalities, assuring patients safety, comfort and privacy while monitoring patient's response to treatment and document treatment appropriately.

Assessment Method: Oral examination

Performance Criteria:

Demonstrate at least 77% accuracy on lab competencies and lab practicals

Assessment Method: Simulations

Performance Criteria:

Able to demonstrate 100% accuracy in simulated treatments on check-offs and competencies, with faculty feedback and repeated practice

Outline:

Application of transcutaneous electrical nerve stimulation
Application of biofeedback
Application of Functional Electrical Stimulation
Application of various therapeutic taping techniques
Application of various light therapies
Application of other agents (whirlpool, fluidotherapy and paraffin)
Education of specialized manual treatment techniques
Review of application of all physical agents