

Master Syllabus

PTA 1230 - Orthopedic Principles & Application Lecture

Division: Health Sciences

Department: Rehabilitation Services

Credit Hour Total: 1.0

Lecture Hrs: 1.0

Prerequisite(s): PTA 1140AND PTA 1145

Other Prerequisite(s): Restricted to Majors

Date Revised: March 2016

Course Description:

Clinical rationale for the use of basic treatment, therapeutic exercises, functional activities, and special tests for common orthopedic and musculoskeletal diagnoses seen in a general population.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Patient Assessment

Students will understand how to assess the patient's readiness for exercise and/or joint mobilization, how to monitor the patient's response, and how to assess treatment outcomes.

Assessment Method: Locally developed exams

Performance Criteria:

77% based on written exams and team exercises

Intervention Application

Students will understand how to instruct, apply, monitor, and progress exercise and joint mobilization interventions for patients with regional pathology in various stages of healing, and how to document the treatment.

Assessment Method: Locally developed exams

Performance Criteria:

77% based on written exams and team exercises

Principles

Students will understand the principles of therapeutic exercise and joint mobilization for patients with regional pathology in various stages of healing.

Assessment Method: Locally developed exams

Performance Criteria:

77% based on written exams and team exercises

Intervention Selection

Students will understand how to select appropriate exercises and joint mobilization techniques for patients with regional pathology in various stages of healing.

Assessment Method: Locally developed exams

Performance Criteria:

77% based on written exams and team exercises

Outline:

Theory and principles of therapeutic exercise for common orthopedic pathologies

Patient assessment for common orthopedic pathologies

Modes of therapeutic exercise for common orthopedic pathologies

Dosing therapeutic exercise for common orthopedic pathologies

Principles of applying therapeutic exercise for common orthopedic pathologies