

## Master Syllabus

### PTA 1112 - Pathology for Physical Therapist Assistant

**Division:** Health Sciences

**Department:** Rehabilitation Services

**Credit Hour Total:** 3.0

**Lecture Hrs:** 3.0

**Prerequisite(s):** BIO 1121OR BIO 1141

**Other Prerequisite(s):** AND Restricted to Majors , AND Other Admission to Program

**Date Revised:** March 2013

---

### Course Description:

Recognize and manage physiological responses in body systems related to physical interventions in commonly treated pathological conditions.

### General Education Outcomes:

- Written Communication Competency
- Critical Thinking/Problem Solving Competency
- Oral Communication Competency
- Information Literacy Competency

### Course Outcomes:

#### Vital Signs

Perform and document vitals signs including but not limited to blood pressure, respirations and pain.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Pass with 77% or better

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of vital signs skills competencies

**Assessment Method:** Written surveys and/or questionnaires

**Performance Criteria:**

100% completion of patient pain questionnaire

#### Pathological Progression

Describe pathological progression, loss of function and altered mental status affecting response to physical therapy interventions.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Pass with 77% or better.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Pass with 77% or better oral presentation on disease state.

#### Signs and Symptoms

Identify signs and symptoms of disease processes in multiple body systems and cumulative and comorbid effects on prognosis directing physical therapy intervention.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Pass with 77% or better

#### Clinical Information

Extract relevant clinical information from scientific texts and resources and use appropriately to formulate ideas and assist with problem solving.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of weekly topic assessments

**Assessment Method:** Written surveys and/or questionnaires

**Performance Criteria:**

77% or better of case presentation

#### Behavioral Response to Physical Therapy

Explain difference in psychological and central nervous system pathologies affecting behavior and response to physical therapy interventions.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Pass with 77% or better

**Assessment Method:** Written surveys and/or questionnaires  
**Performance Criteria:**

Pass case presentation with 77% or better

**Pharmacology and Lab Values**

Identify and comprehend lab values and tests and pharmacological interventions with significance to diagnosis and prognosis in disease states.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Pass with 77% or better

**Outline:**

Pharmacology and Lab Values

Integumentary System and Wounds Part I

Diabetes

Cardio Pulmonary System

Pain

Vital Signs

Multi-system Failure