

## Master Syllabus

### PTA 1144 - Therapeutic Foundations

**Division:** Health Sciences

**Department:** Rehabilitation Services

**Credit Hour Total:** 3.0

**Lab Hrs:** 9.0

**Prerequisite(s):** PTA 1116

**Other Prerequisite(s):** AND Restricted to Majors

**Date Revised:** January 2015

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### Course Description:

Theory, clinical rationale and application of common tests, measures and therapeutic interventions utilized in the practice of physical therapy, with emphasis on demonstration of knowledge, skillful performance and patient education related to these procedures in a variety of clinical settings with a variety of diagnoses. Nine lab hours per week.

### General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Written Communication Competency
- ▣ Oral Communication Competency
- ▣ Values/Citizenship/Community Competency

### Course Outcomes:

#### Tests and measures

Demonstrate competence in performing tests and measurement activities and recognizing normal vs. abnormal results.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of Lab practice activities

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Online and in-class quizzes and exams (77% or better)

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Lab competencies (77% or better)

#### Documentation

Demonstrate professional communications using written Subjective, Objective, Assessment and Plan (SOAP) note documentation and identifying when verbal and/or written communication with other health care professionals is necessary.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of lab practice activities

**Assessment Method:** Focus groups

**Performance Criteria:**

100% participation in Peer Review

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Online and in-class quizzes and exams (77% or better)

**Assessment Method:** Simulations

**Performance Criteria:**

Lab practicals (77% or better)

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

**Performance Criteria:**

Documentation Assignments (77% or better)

#### Posture, body mechanics, ergonomics observation and correction

Identify normal vs. abnormal posture, body mechanics, and ergonomics utilizing appropriate patient education and therapeutic interventions to correct abnormalities.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% participation in lab practice activities

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Online or in-class quizzes and exams (77% or better)

**Assessment Method:** Simulations

**Performance Criteria:**

Lab assignments passed(77% or better)

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

**Performance Criteria:**

Course Assignments passed (77% or better)

**Functional mobility**

Prepare for and carry out all functional mobility activities (bed mobility, transfers, ambulation, wheelchair mobility) in an appropriate and safe manner.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of lab practice activities

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of lab competencies

**Assessment Method:** Simulations

**Performance Criteria:**

Passage of lab practical (77% or better)

**Adapt interventions**

Adapt data collection processes and patient interventions based on patient's tolerance and response.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of lab practice activities

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of lab competencies

**Patient education**

Educate patients and their caregivers, taking into account variables including age, life experience, knowledge, understanding, cognitive abilities, culture, ethnic background, and preferences during all therapeutic interventions.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of lab competencies

**Assessment Method:** Simulations

**Performance Criteria:**

Pass assignments and lab practicals (77% or better)

**Body mechanics**

Demonstrate safe body mechanics for self and patient while performing all functional mobility activities and other therapeutic interventions.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of lab practice activities

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of lab competencies

**Assessment Method:** Simulations

**Performance Criteria:**

Pass lab practicals (77% or better)

**Positioning and draping**

Position and drape patients in a manner to prevent skin breakdown, treat areas of excess pressure, enhance comfort, and improve safety.

**Assessment Method:** Behavioral observations

**Performance Criteria:**

100% completion of lab practice activities

**Assessment Method:** Performance appraisals

**Performance Criteria:**

100% completion of lab competencies

**Assessment Method:** Simulations

**Performance Criteria:**

Pass lab practicals (77% or better)

**Gait observation**

Describe normal vs. abnormal gait via observation, including the ability to identify and define the major components of gait, and describe the effects of structural limitations and altered muscle activity on gait and other functional activities.

**Assessment Method:** Behavioral observations  
**Performance Criteria:**

100% completion of lab practice activities

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

Online and in-class quizzes and exams (77% or better)

**Assessment Method:** Simulations  
**Performance Criteria:**

Pass lab assignment and lab practical (77% or better)

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

Pass documentaion assignments (77% or better)

### **Response to problems / emergencies**

Determine and respond appropriately to problems as they arise during therapeutic interventions, including emergent situations.

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

100% completion of lab competencies

**Assessment Method:** Simulations  
**Performance Criteria:**

Pass lab practicals (77% or better)

### **Outline:**

Goniometric measurement

Manual muscle testing

Sensory and anthropometric testing

Posture observation and techniques

Body mechanics observation and techniques

Positioning and draping

Bed mobility

Transfer training

Gait observation

Gait training

Wheelchair mobility