

Washtenaw Community College Comprehensive Report

PTA 150 Therapeutic Procedures I Effective Term: Fall 2021

Course Cover

College: Health Sciences

Division: Health Sciences

Department: Allied Health

Discipline: Physical Therapist Assistant

Course Number: 150

Org Number: 15800

Full Course Title: Therapeutic Procedures I

Transcript Title: Therapeutic Procedures I

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Consultation with all departments affected by this course is required.

Outcomes/Assessment

Rationale: Master syllabus will be updated as the result of the assessment report.

Proposed Start Semester: Fall 2022

Course Description: This course introduces physical therapist assistant students to the fundamental skills of patient care and management under the direction and supervision of a licensed physical therapist. Students will learn to safely and appropriately apply these skills in various patient conditions. The development of clinical decision-making skills and time management during patient care activities are emphasized. Content includes, but is not limited to, infection control procedures, vital signs, bed mobility skills, proper body mechanics, range of motion activities, wheelchair management, transfer techniques and basic gait training skills.

Course Credit Hours

Variable hours: Yes

Credits: 0 – 3

Lecture Hours: Instructor: 15 **Student:** 15

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 0 to 75 **Student:** 0 to 75

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: YES (separate sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

Admission to Physical Therapist Assistant program

General Education**Request Course Transfer**

Proposed For:

Student Learning Outcomes

1. Demonstrate competent skills for managing the patient care environment.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills

Who will score and analyze the data: PTA faculty

2. Describe the factors that influence a patient's skin integrity related to positioning.

Assessment 1

Assessment Tool: Outcome-related questions on final written exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: A minimum of 80% of the students will correctly answer the outcome-related questions on the written exam.

Who will score and analyze the data: PTA faculty

3. Demonstrate safe body mechanics with all patient care activities.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

4. Demonstrate safe and appropriate patient handling with bed mobility skills.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

5. Demonstrate basic wheelchair skills for patient activities.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

6. Identify and demonstrate appropriate Passive Range of Motion skills.

Assessment 1

Assessment Tool: Outcome-related questions on final written exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: A minimum of 80% of the students will correctly answer the outcome-related questions on the written exam.

Who will score and analyze the data: PTA faculty

Assessment 2

Assessment Tool: Passive Range of Motion skill check

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: A minimum of 80% of the students will score 80% or more of the outcome related practical skills.

Who will score and analyze the data: PTA faculty

7. Identify components of and demonstrate safe basic transfer techniques.

Assessment 1

Assessment Tool: Outcome-related questions on final written exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: A minimum of 80% of the students will correctly answer the outcome-related questions on the written exam.

Who will score and analyze the data: PTA faculty

Assessment 2

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

8. Demonstrate appropriate gait training skills on level and uneven surfaces.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

9. Demonstrate the ability to effectively complete three or more patient interventions as outlined in a patient's plan of care under the direction and supervision of a licensed physical therapist.

Assessment 1

Assessment Tool: Outcome-related questions on final lab practical exam

Assessment Date: Fall 2023

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will receive full credit on the outcome-related practical exam criteria/skills.

Who will score and analyze the data: PTA faculty

Course Objectives

1. Demonstrate proper handwashing techniques.
2. Describe components of standard precautions.
3. Describe methods to assess patient comfort.
4. Properly assess and record patient comfort using standard pain scales.
5. Demonstrate effective verbal and nonverbal communication with the patient.
6. Identify a patient's orientation to time, place and person.
7. Recognize changes in mental arousal, orientation and cognition.
8. Accurately measure vital signs including pulse oximetry, heart rate, blood pressure and respiration rate.
9. Describe the effect of position on skin integrity.
10. Identify conditions that compromise skin integrity.
11. Position a patient for comfort and skin protection in prone, supine, sidelying and sitting.
12. Describe techniques and strategies to improve patient comfort.
13. Demonstrate appropriate draping techniques for patient comfort and modesty.
14. Describe components of safe body mechanics.
15. Demonstrate appropriate body mechanics with bed mobility skills, transfer and gait skills and other basic patient management activities.
16. Identify factors influencing methods of patient handling for bed mobility skills.
17. Demonstrate appropriate patient handling with rolling and supine to sit activities given a patient scenario.
18. Monitor and document patient's response before, during and after bed mobility activities and adjust appropriately.
19. Identify parts of a standard wheelchair.

20. Measure patient appropriately for a wheelchair.
21. Position a patient appropriately in a wheelchair for safety and comfort.
22. Make minor adjustments to the wheelchair to ensure proper fit.
23. Instruct the patient and/or family on how to use the wheelchair locks and propel the wheelchair.
24. Identify indications, contraindications, benefits and precautions for passive range of motion (PROM) in patient care.
25. Describe proper PROM technique.
26. Demonstrate appropriate PROM given a patient scenario.
27. Monitor and document patient's response before, during and after PROM activities and adjust appropriately.
28. Identify indications, precautions, and contraindications for stand pivot, squat pivot, sliding board and Hoyer transfers.
29. Safely demonstrate components of stand pivot, squat pivot, sliding board and Hoyer lift transfers.
30. Monitor and document patient's response before, during and after transfer training activities and adjust appropriately.
31. Describe the rationale, indications, precautions used to select the appropriate ambulation assistive device.
32. Fit an assistive device appropriately for patient use.
33. Demonstrate appropriate guarding techniques during basic ambulation skills.
34. Instruct a patient on the appropriate sequence for safe ambulation with an assistive device as directed by the physical therapist.
35. Monitor and document patient's response before, during and after gait training activities and adjust appropriately.

New Resources for Course

Course Textbooks/Resources

Textbooks

Pierson, Frank M. . *Principles & Techniques Of Patient Care*, 5th Edition ed. Saunders, 2014

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Other: Hospital beds, stairs, mat tables

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Patricia Hill</i>	<i>Faculty Preparer</i>	<i>Feb 25, 2021</i>
Department Chair/Area Director: <i>Kristina Sprague</i>	<i>Recommend Approval</i>	<i>Mar 02, 2021</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Mar 02, 2021</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Apr 08, 2021</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Apr 12, 2021</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Apr 26, 2021</i>