

Montgomery County Community College
PTA 100
Fundamentals of Physical Therapist Assisting and Data Collection
3 - 2 - 4

COURSE DESCRIPTION:

This course explores common health conditions encountered in the physical therapy discipline and introduces the Physical Therapy Assistant (PTA) student to basic patient and healthcare team considerations critical to the professional role. Evaluative techniques essential to the discipline are stressed while concepts and purposes of therapeutic exercise and treatment strategies are presented. A focus on the characteristics and components of normal movement serve to assist the student in understanding the abnormal. Within the course the development of effective communication and interpersonal skills is fostered. During student-to-student practice in the on-campus laboratory setting students use simulated patient scenarios to demonstrate competency attainment in fundamental assessments, patient care skills and procedures. This course is subject to a course fee. Refer to <http://mc3.edu/adm-fin-aid/paying/tuition/course-fees> for current rates.

REQUISITES:*Previous Course Requirements*

Complete developmental requirements in English, Mathematics, and Reading

Concurrent Course Requirements

- PTA 110 Therapeutic Modalities in Physical Therapy

COURSE COMMENT

Registration requires admission to the Physical Therapist Assistant Program

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Use required components of common physical therapy documentation.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application	Practical Examinations Written Assignments Summative Written Examinations
2. Demonstrate the basic assessment skills utilized in clinical patient care.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Practice	Practical Examinations Written Assignments Skills Competency Checks

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
3. Demonstrate the principles and correct methods using correct terminology pertinent to the measurement of joint range of motion.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Practice	Practical Examinations Written Assignments Skills Competency Checks Summative Written Examinations
4. Using correct terminology, apply the principles and correct methods of assessment of muscular strength.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Application	Practical Examinations Written Assignments Summative Written Examinations
5. Employ infection prevention in all aspects of patient care.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Application	Practical Examinations Written Assignments Skills Competency Checks Summative Written Examinations
6. Apply the principles of patient positioning and draping for patients with a variety of medical conditions.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Application	Practical Examinations Written Assignments Skills Competency Checks Summative Written Examinations
7. Use proper body mechanics in all maneuvers involving patient and or equipment handling / management.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Application	Practical Examinations Written Assignments Skills Competency Checks Summative Written Examinations
8. Demonstrate common transfers and functional activities for patients with a variety of mobility limitations.	Lecture / Discussion Textbook Readings Supplemental Handouts Case Study / Application Hands-on laboratory interaction. Demonstration / Application	Practical Examinations Written Assignments Skills Competency Checks Summative Written Examinations

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated

results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

SEQUENCE OF TOPICS:

1. Documentation
 - a. Documentation Accuracy
 - b. Subjective, Objective, Assessment, Plan (SOAP)
 - c. Patient / Client Management Note
 - d. Types of Physical Therapy Notes
 - e. Guidelines for Documentation
2. Basic Assessment Skills
 - a. Patient Interview
 - i. Cultivating a Therapeutic Partnership
 - ii. Interviewing Techniques and Communication Tools
 - iii. Conduct and Content of the Patient Interview
 - b. Tests and Measures
 - i. Introduction to Physical Therapy Tests and Measures
 - ii. Global Observation, Mental Status, and Functional Assessment
 - iii. Cardiovascular and Pulmonary Examination
 - iv. Integumentary Examination
 - v. Musculoskeletal Examination
 - vi. Neuromuscular Examination
3. Assessment of Joint Range of Motion
 - a. Goniometry
 - b. Validity and Reliability
 - c. Upper Extremity
 - d. Lower Extremity
 - e. Spine
4. Assessment of Muscular Strength and Function
 - a. Validity and Reliability
 - b. Upper Extremity
 - c. Lower Extremity
 - d. Spine

5. Maintaining Medical Asepsis in the Clinical Environment
 - a. How Infection Happens
 - b. Standard Precautions
 - c. Transmission-Based Precautions
 - d. Personal Protective Equipment
 - e. Wound Care Clean and Sterile Technique
6. Draping and Positioning
 - a. Draping for Minimum Exposure and Maximum Dignity
 - b. Positioning Your Patient for Mobility
 - c. Rationale and Technique for Draping
7. Body Mechanics
 - a. Injury Prevention
 - b. Transfers & Lifting Dependent Patients
 - c. Posture
 - d. Functional Considerations
8. Maintaining Capacity for Mobility Through Range of Motion
9. Bed Mobility
10. Horizontal & Vertical Transfers
11. Seated Locomotion
 - a. Fitting and Propelling a Wheelchair
12. Standing Locomotion – Ambulation
 - a. Weight-Bearing Restrictions
 - b. Choosing and Fitting an Assistive Gait Device
 - c. Gait Patterns
 - d. Patient Instruction

LEARNING MATERIALS:

Fruth, S. (2014) *Fundamentals of the Physical Therapy Examination – Patient Interview and Tests & Measures* (1st ed.). Burlington, MA: Jones & Bartlett Learning.

Johannsson, C. and Chinworth, S. (2012) *Mobility in Context – Principles of Patient Care Skills* (1st ed.). Philadelphia, PA: F.A. Davis Company.

Kisner, C. and Colby, L.A. (2012) *Therapeutic Exercise – Foundations and Techniques* (6th ed.). Philadelphia, PA: F.A. Davis Company.

Bircher, W. (2013) *Documentation for Physical Therapists Assistants* (4th ed.). Philadelphia, PA: F.A. Davis Company.

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Robert Cullen, PT, JD, MBA
VPAA/Provost or designee Compliance Verification:
Victoria Bastecki-Perez, Ed. D.

Date: 9//2015

Date: 7/14/2016

Revised by: Debbie Dalrymple
VPAA/Provost or designee Compliance Verification:

Date: 12/17/2017

Date: 1/9/2018



This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.