

**Bossier Parish Community College**  
**Master Syllabus**

**Course Prefix and Number:** PTAP 204

**Credit Hours:** 3

**Course Title:** Physical Therapy Procedures

**Course Prerequisites:** Selective admission to the Physical Therapist Assistant program.

**Textbook:** O' Sullivan, S, and Schmitz, T.; Physical Rehabilitation: Assessment and Treatment, 6<sup>th</sup> or 7<sup>th</sup> Edition.

**Course Description:**

Lecture and laboratory activities to facilitate student skill development and competency with the application of physical therapy interventions and use of equipment related to acute and ICU inpatient care. Patient simulations and case studies are used to promote student-centered problem solving.

**Learning Outcomes:**

At the end of this course, the student will

- A. demonstrate proficiency with maintaining good body mechanics while providing physical assistance and patient/equipment handling to work safely in an acute-care physical therapy environment.
- B. adjust, demonstrate and justify the use of selected assistive devices, positioning aids, and wheelchairs during patient mobilization.
- C. demonstrate independent research of wound care literature and practice safe infection control, integumentary assessment, knowledge of wound care products, and wound management in the laboratory.
- D. think critically about data gathered from the medical record, PT evaluation/plan of care, patient diagnoses, and recognition of red flags to perform interim assessments and make appropriate clinical decisions guided by the patient's response in order to modify, proceed, progress, or discontinue treatment.
- E. communicate with patients using lay terminology and non-verbal strategies and with therapists and other interprofessional team members using medical terminology and good written documentation.
- F. acquire foundation knowledge on the acute care & ICU environment and develop skills needed to mobilize and provide safe care for many of the most frequently encountered acute medical and surgical conditions.
- G. apply skills or expand knowledge from this course (or concurrent courses) by participating in one or more community service or professional development opportunities.

To achieve these learning outcomes, the student will:

1. demonstrate understanding of patient positioning including risk factors, precautions and indications, proper draping, alignment and support, skin inspection, pain/pressure relief, contracture or edema prevention, reduction of shear forces and demonstrate positioning on a classmate for a variety of scenarios. (A, B, F)
2. prepare for, list principles of and demonstrate application of AROM and PROM using diagonal patterns. (A, E, F)
3. accurately assess height, weight, girth of extremities, pulse in all major locations and vital signs and recognize normal and abnormal values and responses to treatment. (C, D, F)
4. identify some common emergency situations that may occur with patients in a therapy environment and determine appropriate actions to take. (D, E, F)
5. demonstrate aseptic technique with regard to hand washing, sterile products, wound care, dressing removal and application, waste disposal, standard precautions and OSHA regulations. (B, C, F)
6. demonstrate, instruct and document a variety of transfer techniques, guarding and assisting appropriate to the patient's functional level, using good body mechanics. (A, B, F)
7. properly adjust assistive devices, demonstrate gait patterns, instruct/guard patients during gait and stair/curb training at the appropriate functional level to promote safety and document accordingly. (A,B, F)
8. properly adjust, name and manage wheelchair parts and provide instructions to patients at the appropriate functional level regarding care and parts management. (A, B, E, F)
9. recognize safety and architectural barriers for the use of assistive devices, navigate and perform a self-home assessment from wheelchair level and identify the requirements of the ADA. (A, B)
10. explain the purpose of special equipment, monitors and lines encountered in the acute and ICU environment and prepare/protect lines during patient interventions (A, B, D, E, F)
11. summarize priorities, precautions, and isolation techniques associated with care of acutely or critically ill patients in special care environments. (A, B, C, D, E, F)
12. discriminate lab values and vital signs that would be associated with physical therapy red flags and termination criteria in the inpatient population and respond appropriately. (A, D, F)
13. identify common cardiac and pulmonary diseases and frequently encountered medical & surgical procedures and explain how these impact the delivery of physical therapy. (F)
14. Accurately review a patient's medical record, interpret the PT evaluation and plan of care and think critically to prepare case studies and perform simulated patient care designed to achieve the Therapist's goals and intended outcomes for those patients. (A, B, D, E, F)
15. Apply the principles of cardiac & pulmonary rehabilitation to safely treat, progress, and document care of patients with these comorbidities or

- diagnoses (D, F)
16. create a wound care portfolio that consists of provided materials and independently researched materials including: categories of wound etiologies, presentation and care of vascular and lymphatic conditions, recognizing viable vs. non-viable tissue; wound and edema assessment techniques, summary of product categories, sample products, cleansing methods, precautions, patient instructions and interventions. (B,C,D,E, F)
  17. practice selected wound care skills in the laboratory including, cleansing and assessment, identification and application of a variety of wound care products, and recognition of indications and precautions based upon wound etiology, patient history and the POC established by the physical therapist. (B, C, F)
  18. translate medical and physical therapy terminology into understandable language suitable for patient interview and providing instruction. (E)
  19. practice communication with patients, family members and interprofessional team members in appropriate activities to aid in patient care during lab/classroom activities. (D, E)
  20. collaborate with individuals from other programs to promote interactive learning, foster relationship-building and establish a climate of mutual respect and shared values for patient care. (C, D, E, F)
  21. work in interprofessional groups to analyze & “mock-up” cases in order to provide exchange of knowledge and patient-centered collaborative care to “patients” in a simulated ICU, Acute or Home Health environment (C, D, E, F, G)
  22. Interview patients, family and caregivers to obtain current relevant subjective information needed for safe progression of interventions and planning for discharge. (E)
  23. participate in one or more approved community service or professional development activity during this semester (G)

**Course Requirements:** To earn a grade of “C” or higher the student must earn 70% of the total points for the course and demonstrate each of the following course competencies.

- The student must achieve a passing score of 75% or higher on all lab competency tests;
- The student must achieve a minimum 75% average on integrated lab practical tests;
- The student must achieve 75% or higher on a minimum of 3 wound care aligned lab competencies, assignments or quizzes.
- The student must achieve a minimum of 75% on at least 5 assignments that are aligned with interprofessional communication, patient interview skills, patient/family education and/or written documentation.
- The student must achieve 75% or higher on a minimum of 6 acute care and ICU aligned assignments or quizzes including both virtual and live patient simulations.
- The student must complete one or more community service or professional

development activity (required for grade of A only)

### **Course Grading Scale:**

A--90% or more of total possible points including the comprehensive final exam, participate in community service or professional development; and completes all course requirements.

B--80% or more of total possible points including the comprehensive final exam; and completes all course requirements.

C--70% or more of total possible points including the comprehensive final exam; and completes all course requirements.

D--60% or more of total possible points including the comprehensive final exam; and/or failure to complete all course requirements.

F--less than 60% of total possible points including the comprehensive final exam; and/or failure to complete all course requirements.

**Attendance Policy:** The college attendance policy, which is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>, allows that “more restrictive attendance requirements may apply to some specialized classes such as laboratory, activity, and clinical courses because of the nature of those courses.” The attendance policy of the Physical Therapy Assistant program is described in the Physical Therapy Assistant Clinical Handbook.

### **Nondiscrimination Statement**

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

#### COORDINATOR FOR SECTION 504 AND ADA

Angie Cao, Student and Disability Services Specialist

Disability Services, F254, 6220 East Texas Street, Bossier City, LA 71111

318-678-6511

[acao@bpcc.edu](mailto:acao@bpcc.edu)

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Reviewed by L. Bryant 4/23