



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

**LAST REVIEW:** 2006-2007  
(i.e. 2003-2004)

**NEXT REVIEW:** 2011-2012  
(i.e. 2008-2009)

**STATUS:** A  
(A, I, D)

**COURSE TITLE:** Disabilities and Therapeutic Procedures I Lab

**COMMON COURSE NUMBER:** PHT 1211L

**CREDIT HOURS:** 2

**CONTACT HOUR BREAKDOWN**  
(per 16 week term)

**CLOCK HOURS:**  
(Voc. Course ONLY)

Lecture: Lab: **64**

Clinic: Other:

**PREREQUISITE(S):** PHT 1103L and PHT 1200L

**COREQUISITE(S):** PHT 1211 and PHT 2224L

**PRE/COREQUISITE(S):**

**COURSE DESCRIPTION** (750 characters, maximum):

Laboratory sessions for Disabilities and Therapeutic Procedures I (PHT 1211) are designed to develop student skills in the actual performance of the patient care interventions presented. Practical application of each intervention is emphasized with patient simulations and case studies enhancing the ability to understand a plan of care for a patient. Professional behaviors, at the intermediate level, are assessed. Data collection relative to the course content as well as patient and caregiver education are emphasized. Skill checks as well as competency evaluations are completed. Students are expected to demonstrate competency in carrying out an appropriate therapeutic modality plan of care including effective documentation.

## UNIT TITLES

- 1.0**      *Data Collection*
- 2.0**      *Interventions with Specific Modalities*
- 3.0**      *Massage Techniques*
- 4.0**      *Practical Examination*



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## ASSESSMENT:

Please provide a brief description (250 characters maximum) that details how students will be assessed on the course outcomes.

1. Assessment of reading and online assignments via submission of homework projects;
2. Pre-lab exercises;
3. Participation in Discussion Forums on the WebCT site;
4. Skill Checks and Practical Examinations to assess competency

*\*\*\* Complete the following only if course is seeking general education status \*\*\**

## GENERAL EDUCATION Competencies and Skills \*:

Please highlight in green font all Competencies/Skills from the list below that apply to this course. In the box to the right of the Competency/Skill, enter all specific learning outcome numbers (i.e. 1.1, 2.7, 5.12) that apply.

1. Read with critical comprehension	
2. Speak and listen effectively	
3. Speak and listen effectively	
4. Think creatively, logically, critically, and reflectively (analyze, synthesize, apply, and evaluate)	
5. Demonstrate and apply literacy in its various forms: <i>(highlight in green ALL that apply)</i> ( 1. technological, 2. informational, 3. mathematical, 4. scientific, 5. cultural, 6. historical, 7. aesthetic and/or 8. environmental )	
6. Apply problem solving techniques to real-world experiences	
7. Apply methods of scientific inquiry	
8. Demonstrate an understanding of the physical and biological environment and how it is impacted by human beings	
9. Demonstrate an understanding of and appreciation for human diversities and commonalities	
10. Collaborate with others to achieve common goals.	
11. Research, synthesize and produce original work	
12. Practice ethical behavior	
13. Demonstrate self-direction and self motivation	
14. Assume responsibility for and understand the impact of personal behaviors on self and society	
15. Contribute to the welfare of the community	

*\* General Education Competencies and Skills endorsed by '05-'06 General Education Task Force*



**Common Course Number: PHT 1211L**

**UNITS**

**Unit 1      Data Collection**

***General Outcome:***

- 1.0 The students will be able to assess a simulated patient prior to an intervention; performing specific data collection as delegated by a supervising physical therapist.

***Specific Instructional Objectives:***

Upon successful completion of this unit, the student will be able to:

- 1.1 Practice interviewing skills to determine a simulated patient's complaints.
- 1.2 Observe a simulated patient and quantify that simulated patient's ability to perform functional activities such as bed mobility, self-care, etc.
- 1.3 Instruct a simulated patient as to how to perform so that data collection can be completed.
- 1.4 Demonstrate awareness that data collection procedures may need to be modified according to simulated patient response.
- 1.5 Differentiate techniques utilized in palpation to collect data relative to determining skin integrity, the presence of spasms, etc.
- 1.6 Assess skin sensation, integrity of skin and temperature awareness.
- 1.7 Develop skills in measuring limb girth.
- 1.8 Develop skills in comparative analysis re: gross strength, functional range of motion, etc.
- 1.9 Recognize pain/discomfort that occurs with movement.
- 1.10 Administer scales to determine a simulated patient's level of discomfort.
- 1.11 Identify simulated patient's bed mobility, transfer ability and gait ability as data to collect prior to actual intervention.
- 1.12 Perform palpation to collect data regarding tissue mobility, turgor, texture, etc.
- 1.13 Adequately communicate assessment results in written and verbal formats.
- 1.14 Identify characteristics of an involved area such as a wound (drainage, location, odor, shape, size, depth).
- 1.15 Measure sensation of scarred areas and include palpation of pliability of scar, its texture and other characteristics.
- 1.16 Measure functional muscle strength (grip, bed mobility)
- 1.17 Identify soft tissue restrictions limiting joint movement such as in the presence of a muscle spasm.
- 1.18 Observe ability to self-care in terms of preparing for the intervention and relate same to objective/subjective findings.



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**Unit 2 Interventions with Specific Modalities**

***General Outcome:***

2.0 The students will be able to perform a variety of physical therapy interventions competently.

***Specific Instructional Objectives:***

Upon successful completion of this unit, the student will be able to:

- 2.1 Organize the area prior to actual intervention.
- 2.2 Utilize time and space efficiently.
- 2.3 Use correct sequence of intervention procedures where more than one modality has been ordered.
- 2.4 Demonstrate good body mechanics.
- 2.5 Demonstrate awareness of safety precautions relative to the specific modality used in the practiced intervention.
- 2.6 Demonstrate good verbal and non-verbal skills, adjusting the level of communication relative to simulated patient response/understanding.
- 2.7 Position simulated patient and self properly for the intervention.
- 2.8 Drape simulated patient correctly and efficiently.
- 2.9 Perform application of each modality in accordance with the plan of care as established by the physical therapist.
- 2.10 Verbalize known indications and contraindications for each modality.
- 2.11 Familiarize self with all modalities in lab in terms of basic operation and safety requirements.
- 2.12 Demonstrate awareness of physical principles as they relate to each modality.
- 2.13 State operating temperatures for modalities presented.
- 2.14 Read accurately the thermometers and instrumentation gauges on all modalities.
- 2.15 Perform routine housekeeping and maintenance of equipment in simulated patient areas.
- 2.16 Practice writing concise SOAP notes on simulated patient simulations.
- 2.17 Demonstrate ability to instruct a patient in expectations of an intervention and any follow-up instructions.
- 2.18 Complete thorough, accurate, logical, concise and legible documentation for each intervention performed within a simulated plan of care.
- 2.19 Demonstrate awareness of various documentation formats in accordance with state practice acts, practice settings and other regulatory agencies.
- 2.20 Simulate patient care experiences in which patient education/instruction is given related to the specific intervention being performed.



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**Unit 3      Massage Techniques**

***General Outcome:***

3.0      The students will be able to perform various types of massage techniques.

***Specific Instructional Objectives:***

Upon successful completion of this unit, the student will be able to:

- 3.1      Position simulated patient appropriately for area to be massaged.
- 3.2      Prepare the area; have all materials available for use.
- 3.3      Properly drape the simulated patient.
- 3.4      Explain the procedure to the simulated patient.
- 3.5      Demonstrate proper massage technique with attention to inspection of skin, pressure and direction of strokes.
- 3.6      Demonstrate proper percussion and vibration techniques when doing interventions for the pulmonary simulated patient.
- 3.7      Demonstrate proper body mechanics.
- 3.8      Simulate a patient care experience in which patient education/instruction is given related to a massage intervention.



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**Unit 4      Practical Examination**

***General Outcome:***

- 4.0      The student will be able to demonstrate competency in completing a plan of care by performing specific interventions detailed on a practical examination.

***Specific Instructional Objectives:***

Upon successful completion of this unit, the student will be able to:

- 4.1      Demonstrate proper simulated patient positioning for specific intervention.
- 4.2      Demonstrate proper simulated patient draping for specific intervention.
- 4.3      Demonstrate proper body mechanics during intervention.
- 4.4      Utilize appropriate verbal communication with the simulated patient, including explanation(s) of interventions to the simulated patient.
- 4.5      Perform appropriate simulated patient assessment to determine the type of intervention.
- 4.6      Demonstrate proper technique in application of modality.
- 4.7      Demonstrate proper technique in application of massage.
- 4.8      Demonstrate appropriate termination of intervention.
- 4.9      Demonstrate ability to document all aspects of the plan of care in SOAP note format.
- 4.10     Review videotape of own performance.