

INSTRUCTIONAL PACKAGE

PTH 270

Special Topics in Physical Therapy

Effective Term Fall/2018

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: 201810	
COURSE PREFIX: PTH 270	COURSE TITLE: Special Topics in Physical Therapy
CONTACT HOURS: 5/week	CREDIT HOURS: 3

RATIONALE FOR THE COURSE:

This course introduces clinical reasoning and steps to patient documentation and introduces the student to the basic pathophysiology, management and physical therapy interventions of the cardiopulmonary system.

COURSE DESCRIPTION:

This course provides opportunities for specialized study of selected topics in physical therapy.

PREREQUISITES/CO-REQUISITES:

A grade of C or higher in all previous PTH courses.

REQUIRED MATERIALS:

- American College of Sports Medicine. *ACSM's Guidelines for Exercise Testing and Prescription* 10th Ed. Philadelphia, PA: Wolters Kluwer; 2017.
- Roy SH, Wolf SL, Scalzitti, DA. *The Rehabilitation Specialist's Handbook* 4th Ed. Philadelphia, PA: F. A. Davis Company; 2013.
- Bircher WD. *Documentation for Physical Therapist Assistants* 5th Ed. Philadelphia, PA: F.A. Davis Company; 2018.
- Fairchild SL, O'Shea RK, Washington RD. *Principles & Techniques of Patient Care* 6th Ed. St. Louis, MO: Elsevier, Inc.; 2018.
- Goodman CC, Fuller KS. *Pathology for the Physical Therapist Assistant* 2nd Ed. St. Louis, MO: Elsevier, Inc.; 2017.
- First Hand Student Kit American Physical Therapy Association
- Scrubs

Please visit the Bookstore online site for most current textbook information. Use the direct link below to find textbooks.

BOOKSTORE.

Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

ADDITIONAL REQUIREMENTS:

None.

TECHNICAL REQUIREMENTS:

Access to Desire2Learn (D2L), HGTC's student portal for course materials. WaveNet and D2L email access.

CLASSROOM ETIQUETTE:

As a matter of courtesy to other students and your professor, please turn off cell phones and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

Part II: Student Learning Outcomes

PROGRAM LEARNING OUTCOMES

After successful completion of the Horry-Georgetown Technical College Physical Therapist Assistant Program, the graduate will be able to achieve the program learning outcomes. The student is advised to view the program learning outcomes in the student clinical handbook. Reviewing the outcomes will assist the student in understanding how the terminal course objectives achieve the program learning outcomes.

Use the direct link below to find the student clinical handbook. Handbook

COURSE LEARNING OUTCOMES and ASSESSMENTS*:

After successful completion of this course, the student will be able to meet the following terminal behavior outcomes:

- 1. Review the medical record and physical therapy documentation to select, implement, and modify a therapeutic exercise program for a cardiopulmonary patient within the parameters of the physical therapist plan of care.
- 2. Perform appropriate data collection techniques to assist the physical therapist in monitoring the effects of therapeutic exercise interventions and discharge planning for a cardiopulmonary patient.
- 3. Communicate adequately and appropriately, both verbally and non-verbally, in a manner that fosters confidence, and reflects an understanding of socioeconomic, cultural, and psychological differences during data collection procedures or selected interventions on a mock patient scenario.
- 4. Demonstrate compliance with the scope of practice of a Physical Therapist Assistant in both legal and ethical dimensions.
- 5. Accurately and timely documents components of data collection in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes with correct billing for reimbursement.
- 6. Be proficient in CPR and emergency response, and recognize the need for referral for other emotional and psychological conditions beyond the scope of practice of physical therapy.

STUDENT UNIT LEARNING OUTCOMES PER MODULE

Lecture & Lab Objectives: After successful completion of the classroom activity, the student will be able to meet the following instructional objectives:

*Modules can change per discretion of the instructor.

Module #1

Lecture Materials Covered: Documentation for Physical Therapist Assistants Chapter 1 Assessment(s): Homework March 2018

- 1. Accurately describe the significance and purpose of the physical therapy medical record.
- 2. Accurately identify the American Physical Therapy Association's guidelines in regard to physical therapy documentation.
- 3. Generalize the importance of accurate documentation of the physical therapist assistant.
- 4. Identify tasks that must be documented by the PT and those that can be documented by the PTA.

<u>Lab</u>

Materials Covered: APTA Defensible Documentation for Patient/Client Management: Introduction to Defensible Documentation: <u>http://www.apta.org/Documentation/DefensibleDocumentation/</u> -Student APTA Membership required

Assessment(s): Lab Activity

1. Explain the importance of accurate documentation by the PTA in the healthcare setting.

2. Review the Office of Inspector General: Importance of Documentation Video on the APTA website and discuss the importance of quality care and accurate documentation in the healthcare setting.

3. Review the APTA Guide to Physical Therapist Practice and explain its use and purpose.

http://guidetoptpractice.apta.org/ -APTA student membership required.

Module #2:

<u>Lecture</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 4 and 5 Assessment(s): Homework

1. Accurately describe types of data found in medical records and analyze the importance to a physical therapist assistant.

2. Explain advantages and disadvantages of different document formats.

- 3. Accurately describe the elements of the patient/client management model (Guide to Physical Therapist
- Practice) and be able to communicate the role of the physical therapist assistant within this model.
- 4. Correctly explain the "clinical decision making" process of the physical therapist.
- 5. Identify tasks that must be documented by the PT and those that can be documented by the PTA.

<u>Lab</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 4 and 5; APTA Defensible Documentation for Patient/Client Management: Components of Documentation Within the Patient/Client Management Model: <u>http://www.apta.org/Documentation/DefensibleDocumentation/</u> -Student APTA Membership required

Assessment(s): Lab Activity

- 1. Review case scenarios and accurately locate the medical diagnosis, impairments and functional limitations.
- 2. Locate and use information from the initial evaluative note that will guide the selection of which data collection activities and which interventions need to be performed.

3. Compare and contrast computerized documentation and written documentation in regards to the pros and cons of each.

4. Review a case scenario and accurately identify each of the elements of the patient/client management model.

Module #3:

<u>Lecture</u> Materials Covered: Documentation for Physical Therapist Assistants Chapter 2 & 3 <u>http://guidetoptpractice.apta.org/</u> -APTA student membership required Assessment(s): Homework 1. Explain the importance of the World Health Organization (WHO) in the development of the International Classification of Functioning, Disability, and Health (IFC).

2. Accurately define terminology used in the International Classification of Functioning, Disability, and Health (IFC) as well as the terminology used in the Nagi framework.

3. Correctly differentiate between indemnity health insurance, managed care plans, Medicare, Medicaid, Worker's Compensation and the Health-Care Reform Law and the Affordable Care Act (ACA).

- 4. Accurately describe the Medicare requirements for supervision of students in the clinic and discuss proper procedures to follow when billing for Medicare physical therapy services part A and B.
- 5. Accurately describe health care settings where physical therapy is offered.

<u>Lab</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 2 and 3;

<u>http://guidetoptpractice.apta.org/</u> -APTA student membership required; APTA Documentation-ICF-Beginner's Guide: Towards a Common Language for Functioning, Disability and Health-APTA student membership required; Handout Course Content Module 2 CMS; APTA Defensible Documentation for Patient/Client Management: Definitions and References: <u>http://www.apta.org/Documentation/DefensibleDocumentation/</u>-Student APTA Membership required

Assessment(s): Lab Activity

1. Following a demonstration from the instructor, the student will be able to accurately review a case study and use the International Classification of Functioning, Disability and Health (ICF) framework as a template for describing the patient's abilities and disabilities as it relates to the patient's level of function.

2. Review a case study and identify appropriate timed and untimed charges for an outpatient Medicare part B.

3. Review a case study and identify appropriate individual, concurrent and group therapy minutes for a skilled Medicare Part A rehab patient.

Module #4

<u>Lecture</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 6, 7 and 8 Assessment(s): Homework

- 1. Identify information found in the S, O, A, and P portions of a SOAP note.
- 2. Give an example of subjective information.
- 3. Give an example of objective information.

<u>Lab</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 6, 7 and 8 Assessment(s): Lab Activity

- 1. Correctly identify subjective and objective data from case scenarios/role playing.
- 2. Correctly document subjective data collected during an interview process of a peer.
- 3. Correctly document objective data from case scenarios/role playing.
- 4. Correctly document a late subjective and objective entry and appropriately correct medical errors in the patient record.

Module #5:

<u>Lecture</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 9 and 10 Assessment(s): Homework

1. Give an example of assessment information.

2. Give an example of plan information.

<u>Lab</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 9 and 10 Assessment(s): Lab Activity

- 1. Correctly identify assessment and plan information from case scenarios.
- 2. Correctly document assessment and plan information collected during data collection or treatment of a peer.
- 3. Correctly document a late assessment and plan entry and appropriately correct medical errors in the patient record.

Module #6

<u>Lecture</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 11 and 12 Assessment(s): Homework

- 1. Give accurate examples of S, O, A, and P portions of a SOAP note.
- 2. Name requirements of the Health Insurance Portability and Accountability Act (HIPAA).
- 3. List when information can and cannot be released according to HIPPA.
- 4. Identify how to maintain confidentially of patient's medical record.
- 5. Explain when and how to complete an incident report.
- 6. Paraphrase how documentation can support medical necessity of physical therapy treatment interventions.

<u>Lab</u>

Materials Covered: Documentation for Physical Therapist Assistants Chapter 11 and 12; APTA Defensible Documentation for Patient/Client Management: Other Considerations and Appendices:

<u>http://www.apta.org/Documentation/DefensibleDocumentation/</u> -Student APTA Membership required Assessment(s): Lab Activity, Skill Check Assessment (Documentation)

- 1. Judge and correct S, O, A, and P documentation.
- 2. Demonstrate how to document the release of medical information.
- 3. Identify clinical statements that support medical necessity.
- 4. Interpret if a clinical scenario violates patient confidentiality.

Module #7

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V; Cardiovascular and Pulmonary Physical Therapy Chapter 3 Assessment(s): Lecture Test

- 1. Review the normal structure and function of the cardiovascular system and list the normal values for adult and pediatric heart rate, blood pressure, and respiration rate.
- 2. Explain the response of the cardiovascular system to aging.
- 3. Identify signs and symptoms of cardiovascular disease.
- 4. Identify gender differences as it pertains to the cardiovascular system.
- Discuss the basic physiology of aerobic exercise and accurately explain the physiological response a normal adult should exhibit to aerobic exercise or activity in terms of heart rate, blood pressure, and respiration rate.
- 6. Discuss the effects of aerobic training for deconditioned and chronically ill patients.

<u>Lab</u>

Materials Covered: Principles & Techniques of Patient Care Chapter 3; Cardiovascular and Pulmonary Physical Therapy Chapter 6 and 7, The Rehabilitation Specialist's Handbook Section V Assessment(s): Lab Activity, Skill Check Assessment (Vitals)

- 1. Locate pertinent information in the medical chart that a PTA must review prior to treating a patient with cardiac or pulmonary disease and explain why communication with nursing is necessary.
- 2. Accurately measure and record your lab partner's blood pressure, heart rate, respiration rate, oxygen saturation, body temperature and body mass index (BMI) at rest.
- 3. Explain to a patient/client or family member the significance of measuring and monitoring vital signs.
- 4. Within the physical therapist plan of care prescribe an exercise program for a patient with a chronic condition using the FITT Model.
- 5. Explain the use of Metabolic Equivalents (METS) and the Rating of Perceived Exertion (RPE) in exercise prescription and monitoring.

Module #8

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, Cardiovascular and Pulmonary Physical Therapy Chapter 4, The Rehabilitation Specialist's Handbook Section V

Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Coronary Artery Disease (Arteriosclerosis, Atherosclerosis)

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

<u>Lab</u>

Materials Covered: Principles & Techniques of Patient Care Chapter 3 and 12; Cardiovascular and Pulmonary Physical Therapy Chapter 6, The Rehabilitation Specialist's Handbook Section V Assessment(s): Lab Activity and CPR quiz

- 1. Locate on a lab partner the appropriate locations for cardiac auscultation.
- 2. Perform cardiac auscultation on a lab partner and on a simulator and explain the basic heart sounds.
- 3. Perform cardiopulmonary resuscitation on mannequins following the current guidelines.
- 4. Appropriately respond to an emergency situation by activating the emergency response system.

Module #9

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, Cardiovascular and Pulmonary Physical Therapy Chapter 4, The Rehabilitation Specialist's Handbook Section V

Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Angina Pectoris, Hypertension, and Myocardial Infarction

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.

- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

<u>Lab</u>

Materials Covered: Cardiovascular and Pulmonary Physical Therapy Chapter 7, The Rehabilitation Specialist's Handbook Section V

Assessment(s): Lab Activity, Documentation Assignment

- 1. Describe the continuum of cardiac rehabilitation, including exercise programming and patient progression through each phase of cardiac rehabilitation.
- 2. Reviews a mock physical therapist plan of care and acknowledge a mock patient's goals.
- 3. Teach a patient with sternal precautions how to perform bed mobility, ambulation and wheelchair mobility.
- 4. Perform appropriate therapeutic exercise interventions for phase 2 cardiac rehabilitation mock patients.
- 5. Recognize absolute and relative indications for terminating exercise in cardiac rehabilitation mock patients.
- 6. Accurately documents the interventions in a SOAP note.

Module #10

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V, Cardiovascular and Pulmonary Physical Therapy Chapter 4 Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Congestive Heart Failure, Orthostatic Hypotension, Myocardial Disease (myocarditis, cardiomyopathy) and Trauma

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.
- h) Recognize normal and abnormal basic electrocardiogram (ECG) interpretation.

<u>Lab</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V; Cardiovascular and Pulmonary Physical Therapy Chapter 6

- Assessment(s): Lab Activity, Documentation Assignment, Skill Check Assessment (Aerobic Field Tests)
- 1. Explain the use of field tests, a multi-stage test, Graded Exercise test, to measure physical fitness.
- 2. Perform data collection for vitals prior to, during and after completion of aerobic field tests for cardiac phase 2 rehabilitation.
- 3. Perform the following field tests: 6 min walk test, 5 Meter Walk Test, Dynamic Gait Index, Timed Up and Go Test, submaximal treadmill test, submaximal step test, arm curl test, and Short Physical Performance

Battery (SPPB).

- 4. Recognize absolute and relative indications for terminating exercise testing in cardiac rehabilitation mock patients.
- 5. Perform a Graded Exercise Test with 12-lead electrocardiogram (ECG) in order to accurately prescribe exercise for a healthy individual or a patient/client at risk for chronic disease.
- 6. Accurately documents the interventions in a SOAP note.

Module #11

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V, Cardiovascular and Pulmonary Physical Therapy Chapter 4

Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Arrhythmias, Valvular Heart Disease (Mitral Stenosis, mitral regurgitation, mitral valve prolapse), and Aneurysm.

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

Module #12

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V; Cardiovascular and Pulmonary Physical Therapy Chapter 4

Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Peripheral Vascular Disease (PAD, thrombosis, pulmonary embolism, chronic venous insufficiency, Raynaud's Disease and Raynaud's Phenomenon).

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

<u>Lab</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9, The Rehabilitation Specialist's Handbook Section V; Cardiovascular and Pulmonary Physical Therapy Chapter 6

Assessment(s): Lab Activity, Documentation Assignment

- 1. Explain the use of the Ankle Brachial Index (ABI).
- 2. Determine the ABI for a lab partner and explain the results.
- 3. Create an aerobic and strengthening exercise program for a cardiac condition, case study provided by

instructor, using the guidelines and recommendations in previous modules.

4. Accurately documents the interventions in a SOAP note.

<u>Module #13</u>

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 2

Assessment(s): Lecture Test

- 1. Explain the normal structure and function of the respiratory system.
- 2. Explain the response of the respiratory system to aging.
- 3. Identify signs and symptoms of pulmonary disease.
- 4. Describe the clinical presentation of a patient who has pulmonary disease.
- 5. Identify the most common physical diagnostic tests and procedures performed for a patient who has pulmonary disease.
- 6. Identify the most common therapeutic interventions for a patient who has pulmonary disease.

<u>Lab</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 6 Assessment(s): Lab Activity

- 1. Describe pulmonary auscultation, normal breath sounds, abnormal and adventitious breath sounds.
- 2. Locate on a lab partner the appropriate locations for pulmonary auscultation.
- 3. Perform pulmonary auscultation on a lab partner and on a simulator and explain the lung sounds.

Module #14

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 4 Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Pneumonia, Cystic Fibrosis, Pulmonary Embolism and Cor Pulmonale.

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

<u>Lab</u>

Materials Covered: Principles and Techniques of Patient Care Chapter 11; The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 7

Assessment(s): Lab Activity, Documentation Assignment, Skill Check Assessment (Breathing Techniques)

- 1. Accurately perform manual/mechanical airway clearance techniques (e.g., percussion, vibration, shaking) within the parameters of the physical therapist plan of care.
- 2. Teach a mock patient appropriate manual/mechanical airway clearance technique (assistive cough, percussion/postural drainage) within the parameters of the physical therapist plan of care.

- 3. Teach a patient appropriate breathing strategies (e.g., active cycle breathing, autogenic drainage, paced breathing, pursed lip breathing) within the parameters of the physical therapist plan of care.
- 4. Accurately documents the interventions in a SOAP note.

Module #15

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 4

Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Obstructive Diseases (COPD, chronic bronchitis, emphysema, and asthma).

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.
- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

<u>Lab</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 6

Assessment(s): Lab Activity, Documentation Assignment

- 1. Perform a pulmonary function test (PFT) and explain the purpose and results with knowledge of the pulmonary system.
- 2. Integrate knowledge of pulmonary disorders to implement therapeutic exercise for a patient with pulmonary dysfunction provided a mock physical therapist evaluation.
- 3. Appropriately respond to a mock patient's concerns related to therapeutic exercise by utilizing active listening skills during the mock scenario.
- 4. Reviews a mock physical therapist plan of care and acknowledge a mock patient's goals.
- 5. Recognize when a therapeutic exercise intervention is not further indicated with assistance from the instructor.
- 6. Accurately documents the interventions in a SOAP note.

<u>Module #16</u>

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 11, The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 4 Assessment(s): Lecture Test

1. After successful completion of this module, the student will be able to meet the following objectives for: Restrictive Diseases (Pulmonary Fibrosis, chest wall trauma, atelectasis, pulmonary edema, acute respiratory distress syndrome, pneumothorax, pleural effusion, pleural fibrosis)

- a) Identify the anatomy involved in a pathology or condition.
- b) Identify the contributing factors for the development of a pathology or condition.
- c) Define how a pathology or condition is managed medically.
- d) Define how a pathology or condition is assessed and managed by a physical therapist.
- e) Identify the PTA's role in the management of the pathology or condition.

- f) Define the long-term effects of a pathology or condition.
- g) Compare and contrast pathologies or conditions with regards to anatomy, contributing factors, clinical presentation, diagnostic tests and procedures, management, assessment, and long term effects.

Module #17

<u>Lecture</u>

Materials Covered: Pathology for the Physical Therapist Assistant Chapter 9 and 11, The Rehabilitation Specialist's Handbook Section V and VI, Cardiovascular and Pulmonary Physical Therapy Chapter 5 Assessment(s): Lecture Test

1. Explain the pharmacological management of cardiovascular and pulmonary pathologies or conditions.

*Students – please refer to the Instructor's Course Information sheet for specific information on assessments and due dates.

Part III: Grading and Assessment

EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS*

Students' performance will be assessed and the weight associated with the various measures/artifacts are listed below.

EVALUATION*

Tests	60%
Assignments	10%
Skill Check Assessments	2%
Laboratory Practical Examination	8%
Final Exam	20%
	100%

*Students, for the specific number and type of evaluations, please refer to the Instructor's Course Information Sheet.

GRADING SYSTEM:

A= 90%-100% B= 80%-89% C= 75%-79% D= 69%-74% F= below 68%

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop (<u>ACADEMIC</u>)

<u>CALENDAR</u>). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

Part IV: Attendance

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of eighty percent (80%) of his or her classes in order to be eligible to receive credit for any course. However, due to the varied nature of courses taught at the College, a more rigid attendance policy may be required by individual instructors. At a minimum, a student may be withdrawn from a course(s) after he or she has been absent in excess of ten percent (10%) of the total contact hours for a course. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**

For online and hybrid courses, check your Instructor's Course Information Sheet for any required on-site meeting times. Please note, instructors may require tests to be taken at approved testing sites, if you use a testing center other than those provided by HGTC, the center may charge a fee for its services.

Part V: Student Resources



The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following free resources:

- 1. Academic coaches for most subject areas, Writing Center Support, and college success skills.
- 2. On-line student success and academic support resources.

Visit the SSTC website: <u>Student Success & Tutoring Center</u> and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455. Room locations and Live Chat is available on the SSTC website.



Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following <u>free</u> resources:

- 1. Getting around HGTC: General information and guidance for enrollment!
- 2. Use the Online Resource Center (ORC) for COMPASS support, technology education, and online tools.
- 3. Drop-in technology support or scheduled training in the Center or in class.
- 4. In-person workshops, online tutorials and more services are available.

Visit the WNC website: <u>Wavenet Central</u>. Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

Student Testing: (If course is offered in multiple format include this section, delete if only F2F sections are offered.)

Testing in an **online/hybrid** course may be accomplished in a variety of ways:

- Test administered within D2L
- Test administered in writing on paper
- Test administered through Publisher Platforms

Further more tests may have time limits and/or require a proctor.

Proctoring can be accomplished either face-to-face at an approved site or online through RPNow, our online proctoring service. To find out more about proctoring services, please visit the <u>Online Testing</u> section of the HGTC's Testing Center webpage.

The Instructor Information Sheet will have more details on test requirements for your course.

Disability Services

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Jocelyn Williams, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

Statement of Equal Opportunity/Non-Discrimination Statement

Horry Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and/or activities.

Title IX Requirements

Horry Georgetown Technical College prohibits the offenses of domestic violence, dating violence, sexual assault, and stalking. Any student who believe he or she has experienced or witnessed discrimination including sexual harassment, domestic violence, dating violence, sexual assault or stalking is encouraged to report such incidents to one of the College's Title IX Coordinators.

*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).

Inquiries regarding the non-discrimination policies:		
Student and prospective student inquiries	Employee and applicant inquiries concerning	
concerning Section 504, Title II, and Title IX	Section 504, Title II, and Title IX and their	
and their application to the College or any	application to the College may be directed to	
student decision may be directed to the	the Associate Vice President for Human	
Associate Vice President for Student Affairs.	Resources.	
Dr. Melissa Batten, AVP Student Affairs	Jacquelyne Snyder, AVP Human Resources	
Title IX Coordinator	Section 504, Title II, and Title IX Coordinator	
Building 1100, Room 107A, Conway Campus	Building 200, Room 212A, Conway Campus	
PO Box 261966, Conway, SC 29528-	PO Box 261966, Conway, SC 29528-	
6066	6066	
843-349-5228	843-349-5212	
<u>Melissa.Batten@hgtc.edu</u>	Jacquelyne.Snyder@hgtc.edu	

INSTRUCTOR'S COURSE INFORMATION SHEET

PART I: INSTRUCTOR INFORMATION

Instructor Name:	Samantha Martel, MPT, DPT	
Campus Phone	843-477-2075	
Number:		
College Email Address:	Samantha.martel@hqtc.edu	
	Email Policy: I will return emails within 2 business days of receipt	
Office Location:	Grand Strand Campus Speir Building 1000 Room 1282B	
Office	Posted in Wavenet and on office door	
Hours/Availability:		

Part II: Course Schedule and Assessments

Dates:	Modules	
Week 1	Lecture – Module 1 and 2	
Oct 18	Materials Covered: Documentation for Physical Therapist Assistants	
	Chapter 1 and Chapter 4	
	Assessment(s):	
	 Homework	
	Graded; Submit in D2L in Dropbox	
	Lab – Module 1 and 2	
	Materials Covered: Documentation for Physical Therapist Assistants	
	Chapter 1 and Chapter 4; APTA Defensible Documentation for	
	Patient/Client Management: Introduction to Defensible	
	Documentation:	
	http://www.apta.org/Documentation/DefensibleDocumentation/ -	
	Student APTA Membership required	
	APTA Defensible Documentation for Patient/Client Management:	
	Components of Documentation Within the Patient/Client	
	Management Model:	
	http://www.apta.org/Documentation/DefensibleDocumentation/ -	
	Student APTA Membership required	
	Assessment(s):	
	Lab Activity-Not Graded, uploaded in D2L	
Week 2	Lecture-Module 2 and 3	
Oct 23-25	Materials Covered: Documentation for Physical Therapist Assistants	
	Chapter 5, Chapter 2, Chapter 3 and	
	http://guidetoptpractice.apta.org/ -APTA student membership	
	required	
	Assessment(s):	
	Homework- Chapter 5, Chapter 2 and Chapter 3 Review	
	Exercises-Graded, Submit in D2L in Dropbox	
	Lab-Module 2 and 3	

Dates:	Modules
	Materials Covered: Documentation for Physical Therapist Assistants
	Chapter 5, Chapter 2, and Chapter 3; APTA Defensible
	Documentation for Patient/Client Management: Components of
	Documentation Within the Patient/Client Management Model:
	http://www.apta.org/Documentation/DefensibleDocumentation/ -
	Student APTA Membership required
	http://guidetoptpractice.apta.org/ -APTA student membership
	required; APTA Documentation-ICF-Beginner's Guide: Towards a
	Common Language for Functioning, Disability and Health-Student
	APTA Membership required;
	Handout Course Content Module 2 CMS; APTA Defensible
	Documentation for Patient/Client Management: Definitions and
	References:
	http://www.apta.org/Documentation/DefensibleDocumentation/ -
	Student APTA Membership required
	Assessment(s):
	Lab Activity-Not Graded; uploaded in D2L
	Lecture – Module 4
	Materials Covered : Documentation for Physical Therapist Assistants
	Chapter 6, 7 and 8
	Assessment(s):
	Homework-Chapter 7 and Chapter 8 Review Exercises-
	Graded; Submit in D2L in Dropbox
	Lab-Module 4
	Materials Covered: Documentation for Physical Therapist Assistants
	Chapter 6, 7 and 8
	Assessment(s):
	Lab Activity-Not Graded; uploaded in D2L
Week 3	Lecture- Module 5
Oct 30-Nov 1	Materials Covered: Documentation for Physical Therapist Assistants
	Chapter 9 and Chapter 10
	Assessment(s):
	Homework- Chapter 9 and Chapter 10 Review Exercises- Graded: Submit in D21 in Drankey
	Graded; Submit in D2L in Dropbox
	Lab-Module 5
	Materials Covered: Documentation for Physical Therapist Assistants
	Lab Activity-Not Graded; uploaded in D2L
	Lecture- Module 6
	Chapter 9 and Chapter 10 Assessment(s): Lab Activity-Not Graded; uploaded in D2L

Dates:	Modules	
	Assessment(s):	
	Homework-Chapter 11 and Chapter 12 Review Exercises- Craded: Submit in D31 in Drophox	
	Graded; Submit in D2L in Dropbox	
	Lab-Module 6	
	Materials Covered: Documentation for Physical Therapist Assistants	
	Chapter 11 and Chapter 12; APTA Defensible Documentation for	
	Patient/Client Management: Other Considerations and Appendices: http://www.apta.org/Documentation/DefensibleDocumentation/ -	
	Student APTA Membership required	
	Assessment(s):	
	Lab Activity-Not Graded; uploaded in D2L	
Week 4	Lecture-Modules 1-6	
Nov 6-8	Materials Covered:	
	Assessment(s):	
	Lecture Exam 1	
	Lab-Modules 1-6	
	Materials Covered:	
	Assessment(s):	
	Skill Check Assessment-Documentation	
	****Begin Part 2 of Course-CardioPulmonary Topics	
	Lecture- Module 7 and 8	
	Materials Covered: Pathology for Physical Therapist Assistants	
	Chapter 9; The Rehabilitation Specialist's Handbook Section V;	
	Cardiovascular and Pulmonary Physical Therapy Chapter 3 and 4	
	Assessment(s): Lecture Test	
	Lab-Module 7 and 8	
	Materials Covered: Principles & Techniques of Patient Care Chapter 3	
	and 12, The Rehabilitation Specialist's Handbook Section V;	
	Cardiovascular and Pulmonary Physical Therapy Chapter 6	
	Assessment(s):	
	Lab Activity-Not Graded; Uploaded in D2L	
Week 5 Nov 13-15	Lecture- Module 9 and 10 Materials Covered: Dathology for Physical Therapist Assistants	
NOV 13-15	Materials Covered: Pathology for Physical Therapist Assistants Chapter 9; The Rehabilitation Specialist's Handbook Section V;	
	Cardiovascular and Pulmonary Physical Therapy Chapter 4	
	Assessment(s):	
	Lecture Test	
	Lab-Module 9 and 10	
	Materials Covered: Principles & Techniques of Patient Care Chapter 3	
	and 12, The Rehabilitation Specialist's Handbook Section V,	

Dates:	Modules	
	Cardiovascular and Pulmonary Physical Therapy Chapter 6 and 7 Assessment(s): • Lab Activity- Not Graded; Uploaded in D2L • CPR Quiz • Skill Check Assessment-Vitals • Skill Check Assessment-Aerobic Field Tests	
	Lecture- Module 11 and 12 Materials Covered: Pathology for Physical Therapist Assistants Chapter 9; The Rehabilitation Specialist's Handbook Section V, Cardiovascular and Pulmonary Physical Therapy Chapter 4 Assessment(s): • Lecture Test	
	<u>Lab-Module 11 and 12</u> Materials Covered: Pathology for Physical Therapist Assistants Chapter 9; The Rehabilitation Specialist's Handbook Section V, Cardiovascular and Pulmonary Physical Therapy Chapter 6 Assessment(s): Lab Activity-Not Graded; Uploaded in D2L Documentation Assignment in Trajecsys-Graded	
Week 6	Lecture-Modules 7-12	
Nov 20	Materials Covered: Pathology for Physical Therapist Assistants	
Nov 22 No Classes	Chapter 9; The Rehabilitation Specialist's Handbook Section V; Cardiovascular and Pulmonary Physical Therapy Chapters 3, 4, 6, 7 Assessment(s): • Lecture Exam 2 (Cardiac Topics)	
Week 7	Lecture- Module 13 and 14	
Nov 27-29	Materials Covered: Pathology for Physical Therapist Assistants Chapter 11; The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 2 and 4 Assessment(s): • Lecture Test	
	<u>Lab-Module 13 and 14</u> Materials Covered: Pathology for Physical Therapist Assistants Chapter 11; The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 6 and 7 Assessment(s): • Lab Activity-Not Graded; Uploaded in D2L	
	<u>Lecture- Module 15 and 16</u> Materials Covered: Pathology for Physical Therapist Assistants Chapter 11; The Rehabilitation Specialist's Handbook Section VI; Cardiovascular and Pulmonary Physical Therapy Chapter 4 Assessment(s):	

Dates:	Modules	
	Lecture Test	
	Lab-Module 15 and 16 Materials Covered: Batheless, for Physical Therepict Assistants	
	Materials Covered: Pathology for Physical Therapist Assistants Chapter 11; The Rehabilitation Specialist's Handbook Section VI;	
	Cardiovascular and Pulmonary Physical Therapy Chapter 6	
	Assessment(s):	
	Lab Activity-Not Graded; Uploaded in D2L	
Week 8	Lecture- Module 17	
Dec 4-6	Materials Covered: Pathology for Physical Therapist Assistants	
	Chapters 9 and 11; The Rehabilitation Specialist's Handbook Section	
	V and VI, Cardiovascular and Pulmonary Physical Therapy Chapter 5	
	Assessment(s):	
	Lecture Test	
	Lab-Module	
	Materials Covered: Principles and Techniques of Patient Care Chapter	
	11; The Rehabilitation Specialist's Handbook Section VI	
	Assessment(s):	
	 Lab Activity-Not Graded; Uploaded in D2L 	
	Skill Check Assessment-Breathing Techniques	
	Lecture-Modules 13-17	
	Materials Covered: Pathology for Physical Therapist Assistants	
	Chapter 11; The Rehabilitation Specialist's Handbook Section VI,	
	Cardiovascular and Pulmonary Physical Therapy Chapters 4, 5, 6 and	
	7	
	Assessment(s):	
	Lecture Exam 3 (Pulmonary Topics)	
	Lab-Modules 1-17	
	Materials Covered: Pathology for Physical Therapist Assistants	
	Chapter 9 and 11; The Rehabilitation Specialist's Handbook Section V	
	and VI, Cardiovascular and Pulmonary Physical Therapy Chapters 4, 5,	
	6 and 7	
	Assessment(s):	
Week 0	Lab Practical Competency Examination	
Week 9 Dec 11	Lecture-Modules 1-17 Materials Covered: Pathology for Physical Therapist Assistants	
	Chapter 9 and 11; The Rehabilitation Specialist's Handbook Section V	
	and VI, Cardiovascular and Pulmonary Physical Therapy Chapters 4, 5,	
	6, and 7	
	Assessment(s):	
	Final Comprehensive Examination	

EVALUATION OF REQUIRED COURSE ASSIGNMENTS

Students' performance will be assessed and the weight associated with the various measures/artifacts are listed below.

Makeup Assignments (Examinations, Skill Check Assessments, Homework)

- <u>Examinations</u>: Per the instructor's discretion, a missed examination may be made up with a deduction of 10% of the total score.
- <u>Skill Check Assessments</u>: If not performed on the scheduled day per the course schedule, a maximum score of 7.5 points will be given on the first attempted performance.
- <u>Late assignments</u> (i.e. Homework): Per the instructor's discretion, the assignment will have a deduction of 50% of the achieved score and no more than two late assignments may be accepted.

**The instructor reserves the right for discretion on the above policy on a case by case basis.

Bonus

• Per the instructor's discretion, if bonus is awarded for any assignment, no more than 5% of the total grade will be applied.

EVALUATION:

Tests	60%
Assignments	10%
Skill Check Assessments	2%
Laboratory Practical Examination	8%
Final Exam	20%
	100%

Item Description	Total Points for	% of Grade
	Item	
	*All items in each	
	category are evenly	
	weighted	
Unit Tests: The student will complete	Test 1 = 100	60%
computerized tests. The questions will be	Test 2 = 100	
predominantly multiple-choice, with a few short	Test 3 = 100	
answer problems assessing your knowledge of the		
unit objectives.		
Comprehensive Final: The student will complete	Final = 100	20%
one computerized test. The test questions will be		
predominantly multiple-choice, with a few short		
answer problems assessing your knowledge of the		
unit objectives and course learning outcomes.		
Assignments: Homework and Quizzes: The	Week 1:	10%
purpose of homework and quizzes is to perform	 Chapter 1 = 	
critical thinking and application of the material	Review	
covered in lecture and lab. Homework due dates	Exercises	
are posted in the D2L Dropbox for each	1,2,3,6,7	
assignment.	 Chapter 4 = 	
	Review	

Exercises
1,4,7 &
Practice
Exercises
1,4 (#1,3), 6
Week 2:
Module 2 & 3
• Chapter 5 =
Review
Exercises
1,2,3,5 &
Practice
Exercise 2
 Chapter 2 =
Review
Exercises
4,5,6, 8;
Practice
Exercise 1
• Chapter 3 =
Review
Exercises
5,7,17,19.20
Module 4
• Chapter 7 =
Review
Exercises
3,4,5 &
Practice
Exercise 8 &
9 (#1)
• Chapter 8 =
Review
Exercises 1-
6; Practice
Exercise 1 &
2
Week 3:
Module 5
• Chapter 9 =
Review
Exercises 1-
6
Chapter 10
= Review
Exercises 1-
5; Practice
· · ·

Skill Check Assessments: Each skill check Documenta	ılar and HW and
assignment is weighted equally and are 2% of the overall grade. For each skill check assessment the student will receive 10 points for first time pass, 7.5 points if passed second time and 0 points if 	oints d oints

per instructor discretion.		
Laboratory Practical Competency Examination	ТВА	8%
Total		100%

PART III: FACE 2 FACE (F2F) COURSE POLICIES

Physical Therapist Assistant Program Classroom Attendance Policy:

An absence is defined as missing greater than 10 minutes of classroom time or leaving class early with more than 10 minutes remaining.

For a 15 week course (Fall and Spring) the allowed number of misses is as follows: For MWF classes:

9 absences are allowed for lecture and 9 absences from lab, regardless of the reason. For MW classes:

6 absences are allowed for lecture and 6 absences from lab, regardless of the reason For TTh classes:

6 absences are allowed for lecture and 6 absences from lab, regardless of the reason For Classes meeting once a week for lecture:

3 absences are allowed for lecture and 3 absences from lab, regardless of the reason.

For a 10 week course (Fall and Spring) the allowed number of misses is as follows: For MWF classes:

6 absences are allowed for lecture and 6 absences from lab, regardless of the reason. For MW classes:

4 absences are allowed for lecture and 4 absences from lab, regardless of the reason For TTh classes:

4 absences are allowed for lecture and 4 absences from lab, regardless of the reason For Classes meeting once a week for lecture:

2 absences are allowed for lecture and 2 absences from lab, regardless of the reason.

For a 6 week course the allowed number of misses is as follows:

MTWTH

4 absences for lecture and 4 absences from lab are allowed, regardless of the reason. MW or TTH

2 absences for lecture and 2 absences from lab are allowed, regardless of the reason

TARDY POLICY:

Students are expected to be on time for class and to stay for the entire session. A tardy is defined as missing up to 10 minutes of classroom time. Three tardy will be counted as one class absence.

MAKE-UP TEST POLICY:

See section: EVALUATION OF REQUIRED COURSE ASSIGNMENTS Makeup Assignments (Examinations, Skill Check Assessments, Laboratory Practical Competency Examinations, Homework and Documentation)

REQUIRED ON-SITE MEETINGS:

Students if you choose to take your test(s) at a site other than an HGTC Testing Center, the center may charge you a fee. Please ask the center about any testing fees before you register to take your exam. These fees will be payable to the center providing the service, not HGTC.