



## INSTRUCTIONAL PACKAGE

PTH 242

Orthopedic Management

Effective Term  
Summer/2018

# INSTRUCTIONAL PACKAGE

## PART I: COURSE INFORMATION

Effective Term: 201730

COURSE PREFIX: PTH 242

COURSE TITLE: Orthopedic Management

CONTACT HOURS: 6 hours/week

CREDIT HOURS: 4

### RATIONALE FOR THE COURSE:

This course enables the student to describe clinical signs, etiology, pathology, physiology and prognosis for a variety of orthopedic disorders commonly encountered in physical therapy. Upon completion of this course, the student should be able to describe the clinical signs, etiology, and pathophysiology of central orthopedic conditions and congenital deformities. Treatment techniques for patients who have impairments resulting from amputations, metabolic and developmental abnormalities are introduced.

### COURSE DESCRIPTION:

This course introduces basic orthopedic assessment skills and application of treatment techniques for the trunk and extremities.

### PREREQUISITES/CO-REQUISITES:

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

### REQUIRED MATERIALS:

- Kisner C, Colby LA, Borstad J. *Therapeutic Exercise Foundations and Techniques* 7th Ed. Philadelphia, PA: F.A. Davis Company; 2018.
- Cook CE, Hegedus, EJ. *Orthopedic Physical Examination Tests An Evidence-Based Approach* 2<sup>nd</sup> Ed. Upper Saddle River, NJ: Pearson Education, Inc.; 2013.
- Roy SH, Wolf SL, Scalzitti, DA. *The Rehabilitation Specialist's Handbook* 4<sup>th</sup> Ed. Philadelphia, PA: F. A. Davis Company; 2013.
- 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.

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Laptop or Tablet

### **CLASSROOM ETIQUETTE:**

You are expected to treat your fellow students with respect. This means you should limit talking to your neighbor during lecture and do not start to pack up your materials before class is over. Finally, cell phones **MUST** be turned off or put on the vibration mode during class.

During an exam all electronic devices (cell phones etc.) must be turned off and stored in a purse or backpack, they may not be visible to the student. The only exception to this policy will be on-call emergency personnel. For those individuals in this situation, please contact your professor on how to handle electronic devices during exams.

## **Part II: Student Learning Outcomes**

### **PROGRAM LEARNING OUTCOMES**

After successful completing 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 an orthopedic condition 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 treatment and discharge planning for an orthopedic diagnosis.
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 on a mock orthopedic patient scenario.
4. Demonstrate compliance within 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 for an orthopedic patient scenario.
6. Be proficient in CPR and emergency response for a patient with an orthopedic condition.

### **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: Therapeutic Exercise Chapter 10; Orthopedic Physical Examination Tests Chapter 1

Assessment(s): Lecture Exam

Chapter 10: Soft Tissue Injury, Repair, and Management

1. Provide examples of soft tissue lesions and discuss the clinical implications.
2. Define the grades of soft tissue injury.
3. Contrast the stages of inflammation and repair.
4. Contrast the management during each stage of inflammation and repair.
5. Explain the effect of cumulative trauma on connective tissue and how it is managed.

Chapter 1: Introduction to Diagnostic Accuracy

1. Explain the use of special tests in orthopedic physical therapy.
2. Explain the use of statistics to determine diagnostic accuracy of orthopedic special tests.
3. Explain the role of the physical therapist assistant in performing special tests to meet the stated short and long term goals on the plan of care established by the physical therapist.
4. Explain the role of the physical therapist assistant to educate physical therapist assistant students in performing data collection procedures within the parameters of the plan of care.

### **Lab**

Materials Covered: Therapeutic Exercise Chapter 10; Orthopedic Physical Examination Tests Chapter 1

Assessment(s): Lecture Exam

1. Develop an exercise program for management in the protection phase, controlled motion phase and return to function phase provided a mock patient physical therapist evaluation with short and long term goals.
2. Review and acknowledge the HGTC PTA laboratory policy and procedures.
3. Review and acknowledge HGTC Campus Safety Policy and Procedure.

## **Module #2**

### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 13

Assessment(s): Lecture Exam

1. Identify common sites of injury to peripheral nerves and explain the mechanisms of nerve injury and recovery.
2. Explain management guidelines for recovery from nerve injuries in the acute, recovery and chronic phases.
3. Explain the etiology of thoracic outlet syndrome (TOS), CTS, and ulnar nerve compression at Guyon's Tunnel and identify sites of compression or entrapment, impairments, activity limitations, and participation restrictions associated with TOS.
4. Contrast nonoperative management and post-surgical management for TOS, CTS and ulnar nerve compression.
5. Compare and contrast the classification and clinical features of complex regional pain syndromes and discuss management during each stage.

### **Lab**

Materials Covered: Therapeutic Exercise Chapter 13; Orthopedic Physical Examination Tests

Assessment(s): Documentation Assignment

1. Perform provocation tests to detect neural tension in the spine and extremities.

2. Perform neural mobilization techniques for the upper and lower quadrant.
3. Explain the purpose and results of the data collection and interventions performed to your lab partner effectively in a clear and understandable manner.
4. Develop an exercise program for management of TOS and CTS provided a mock patient physical therapist evaluation with short and long term goals.
5. Accurately documents the data collection and interventions performed in a SOAP note.

### **Module #3**

#### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 11

Assessment(s): Lecture Exam

Chapter 11: Joint, Connective Tissue, and Bone Disorders and Management

1. Differentiate arthritis and arthrosis and explain the clinical signs and symptoms common to all types of arthritic conditions.
2. Compare and contrast the characteristics, signs and symptoms, and principles of management for rheumatoid arthritis, osteoarthritis, fibromyalgia and myofascial pain syndrome.
3. Summarize the risk factors and prevention of Osteoporosis and provide recommendations for exercise.
4. Contrast the different types of fractures based on site, extent, configuration, relationship of fragments, relationship to the environment and complications.
5. Explain the process of bone healing and the principles of management following a fracture.

### **Module #4**

#### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 12

Assessment(s): Lecture Exam

1. Explain the indications for surgical interventions.
2. Outline considerations for preoperative and postoperative management.
3. Contrast the surgical methods and approaches and provide examples of each.
4. Contrast the different joint procedures with respect to the procedure and postoperative management.
5. Contrast extra-articular bony procedures with respect to the procedure and postoperative management.

### **Module #5**

#### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 17

Assessment(s): Lecture Exam

1. Explain the management of GH hypomobility including arthritis and adhesive capsulitis with regards to common impairments, activity limitations, participation restrictions, and management in the protection phase, controlled motion phase and return to function phase.
2. Explain the management of AC and SC joint pathology including overuse syndromes, subluxations and dislocations and hypomobility.
3. Distinguish glenohumeral arthroplasty based on the implant design, materials and fixation, type of procedure and postoperative management in the maximum protection phase, moderate protection phase and minimum protection phase.
4. Explain the nonoperative management and operative management of painful shoulder syndromes including rotator cuff disease, rotator cuff impingement, tendonitis and bursitis with regards to impairments, activity limitations, participation restrictions and management.
5. Explain the nonoperative management and operative management of shoulder instabilities with regards to impairments, activity limitations, participation restrictions and management in each phase.

## Lab

Materials Covered: Therapeutic Exercise Chapter 17; Orthopedic Physical Examination Tests Chapter 6

Assessment(s): Documentation Assignment; Skill Check Assessment

1. Perform special tests for the shoulder and shoulder girdle and explain the purpose and results to your lab partner effectively in a clear and understandable manner.
2. Develop an exercise program for management of shoulder pathologies provided a mock patient physical therapist evaluation with short and long term goals.
3. Provide appropriate feedback during interventions to your lab partner to achieve the desired outcomes.
4. Appropriately respond to a mock patient's symptoms by utilizing active listening skills during interventions.
5. Recognize when data collection procedures and interventions should not be provided due to a change in the patient's status or is not further indicated and report to the supervising Physical Therapist.
6. Accurately documents the data collection and interventions performed in a SOAP note.

## **Module #6**

### Lecture

Materials Covered: Therapeutic Exercise Chapters 18 and 19

Assessment(s): Lecture Exam

Chapter 18: The Elbow and Forearm Complex

1. Explain the nonoperative management of joint hypomobility including arthritis, joint reaction after trauma, dislocations and fractures with regards to common impairments, activity limitations, and participation restrictions during each phase of management.
2. Identify management techniques for severe fractures or dislocations of the elbow.
3. Contrast the nonoperative management of lateral elbow tendinopathy and medial elbow tendinopathy with regards to common impairments, activity limitations and participation restrictions in the protection phase, controlled motion phase and return to function phase.

Chapter 19: The Wrist and Hand

1. Explain the nonoperative management of joint hypomobility in the hand including rheumatoid arthritis, DJD, fractures, trauma and surgery with regards to impairments, activity limitations, and participation restrictions in the protection phase, controlled motion phase and return to function phase.
2. Explain the nonoperative management of repetitive trauma syndromes including carpal tunnel syndrome, trigger finger, de Quervain's disease and tendinopathy with regards to etiology, impairments, activity limitations, participation restrictions and management for the protection phase, controlled motion phase and return to function phase.
3. Explain the nonoperative management of simple sprains with regards to impairments, activity limitations, participation restrictions and management in each phase.

## Lab

Materials Covered: Therapeutic Exercise Chapters 18 and 19; Orthopedic Physical Examination Tests Chapter 7 and 8

Assessment(s): Skill Check Assessment

1. Perform special tests for the elbow/forearm and wrist/hand and explain the purpose and results to your lab partner effectively in a clear and understandable manner.
2. Develop an exercise program for management of elbow/forearm and wrist/hand pathologies provided a mock patient physical therapist evaluation with short and long term goals.
3. Provide appropriate feedback during interventions to your lab partner to achieve the desired outcomes.
4. Appropriately respond to a mock patient's symptoms by utilizing active listening skills during interventions.

5. Recognize when data collection procedures should not be provided due to a change in the patient's status or is not further indicated and report to the supervising Physical Therapist.

## **Module #7**

### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 20

Assessment(s): Lecture Exam

1. Explain the nonoperative management of joint hypomobility including OA, RA, aseptic necrosis, slipped epiphyses, dislocations and congenital deformities with regards to impairments, activity limitations, participation restrictions and management in the protection phase, controlled motion phase and return to function phase.
2. Outline total hip arthroplasty and hemiarthroplasty with regards to the indications, preoperative management, procedures, surgical approaches, postoperative management and complications.
3. Discuss the incidence, risk factors, types, locations and impact of hip fractures on function.
4. Outline open reduction and internal fixation of hip fractures with regards to indications, procedures and postoperative management.
5. Explain the nonoperative management of painful hip syndromes including tendinopathies, muscle strains, repetitive trauma, bursitis, and femoroacetabular impingement with regards to impairments and management in the protection phase, controlled motion phase and return to function phase.

### **Lab**

Materials Covered: Therapeutic Exercise Chapter 20; Orthopedic Physical Examination Tests Chapter 12

Assessment(s): Skill Check Assessment

1. Perform special tests for the hip and explain the purpose and results to your lab partner in a clear and understandable manner.
2. Develop an exercise program for management of hip pathologies provided a mock patient physical therapist evaluation with short and long term goals.
3. Provide appropriate feedback during interventions to your lab partner to achieve the desired outcomes.
4. Appropriately respond to a mock patient's symptoms by utilizing active listening skills during interventions.
5. Recognize when data collection procedures should not be provided due to a change in the patient's status or is not further indicated and report to the supervising Physical Therapist.

## **Module #8**

### **Lecture**

Materials Covered: Therapeutic Exercise Chapter 21

Assessment: Lecture Exam

1. Explain the nonoperative management of joint hypomobility including RA, OA, and acute joint trauma with regards to impairments, activity limitation, participation restrictions, and management in the protection phase, controlled motion phase and return to function phase.
2. Outline total knee arthroplasty with regards to indications, procedure, surgical approach, operative overview, postoperative management and complications.
3. Explain the nonoperative management of patellofemoral dysfunction with regards to the etiology, impairments, activity limitations, participation restrictions and management in the protection phase, controlled motion phase and return to function phase.
4. Explain the nonoperative and operative management of ligament injuries (ACL, PCL, LCL, MCL) and meniscal tears with regards to impairments, activity limitations, participation restrictions, and management in the maximum protection phase, moderate protection phase, and minimum protection phase.

## Lab

Materials Covered: Therapeutic Exercise Chapter 21; Orthopedic Physical Examination Tests Chapter 13

Assessment: Skill Check Assessment

1. Perform special tests for the knee and explain the purpose and results to your lab partner effectively in a clear and understandable manner.
2. Perform taping techniques for the knee and ankle/foot including kinesiotape, athletic taping, and McConnell taping.

## **Module #9**

### Lecture

Materials Covered: Therapeutic Exercise Chapter 22

Assessment: Lecture Exam

1. Explain the nonoperative management of joint hypomobility including RA, juvenile RA, DJD, trauma, dislocation, and fracture with regards to etiology, impairments, activity limitations, participation restrictions and management in the protection phase, controlled motion phase and return to function phase.
2. Explain the nonoperative management of leg, heel and foot pain including plantar fasciitis, Achilles tendinopathy, tendinosis, tendonitis, tenosynovitis and shin splints with regards to impairments, activity limitations, participation restrictions and management in the protection phase, controlled motion phase and return to function phase.
3. Explain the nonoperative management of ligament injuries in the ankle with regards to impairments, activity limitations, participation restrictions and management in the protection phase, controlled motion phase and return to function phase.

## Lab

Materials Covered: Therapeutic Exercise Chapter 21 and 22; Orthopedic Physical Examination Tests Chapter 14

Assessment: Skill Check Assessment

1. Perform special tests for the ankle and foot and explain the purpose and results to your lab partner effectively in a clear and understandable manner.
2. Develop an exercise program for management of knee and ankle/foot pathologies provided a mock patient physical therapist evaluation with short and long term goals.
3. Provide appropriate feedback during interventions to your lab partner to achieve the desired outcomes.
4. Appropriately respond to a mock patient's symptoms by utilizing active listening skills during interventions.
5. Recognize when data collection procedures should not be provided due to a change in the patient's status or is not further indicated and report to the supervising Physical Therapist.
6. Accurately documents the data collection and interventions performed in a SOAP note.

## **Module #10**

### Lecture

Materials Covered: The Rehabilitation Specialist's Handbook Section XV Prosthetics and XVI Orthotics

Guest Lecture Orthotics and Prosthetics

Assessment(s): Lecture Exam

1. Explain the role of the PTA in communication with the orthotist and prosthetist for effective management of the patient.
2. Define terminology relevant to orthotics and prosthetics and obtain a basic understanding of materials and design process.

3. Discuss orthotic options for supporting major joints in the body for various diagnoses such as foot pronation, compression fractures of the spine and scoliosis.
4. Develop an understanding of basic prosthetic componentry and how the selection of componentry relates to patient function and outcome.
5. Discuss the gait deviations that may be observed with a prosthesis.

### Lab

Materials Covered: The Rehabilitation Specialist's Handbook Section XV Prosthetics and XVI Orthotics

Guest Lecture Orthotics and Prosthetics

Assessment: Skill Check Assessment

1. Don and doff an ankle foot orthosis (AFO), thoracolumbar sacral orthosis (TLSO), transtibial prosthesis, and transfemoral prosthesis, and a shrinker.
2. Inspect prosthetic height for accurate fitting.
3. Perform proper cleaning of braces and prosthetic supplies and educates the patient/caregiver in proper care for the device.
4. Create a therapeutic exercise program for strengthening, balance and coordination for a patient with an amputation.
5. Perform gait training for a patient with prosthesis.

## **Module #11**

### Lecture

Materials Covered: Therapeutic Exercise Chapter 15

Assessment: Lecture Exam

1. Explain pathology of the intervertebral disc and facet joints with respect to injury and degeneration, related conditions, and signs and symptoms.
2. Relate osteoporosis with vertebral compression fractures.
3. Contrast pathology of muscle and soft tissue injuries with regards to strains, tears and contusions and discuss management in the acute, subacute and chronic stages of healing.
4. Contrast the management of spinal impairments in a non-weight bearing bias, extension bias, flexion bias, stabilization program, mobilization/manipulation approach, exercise approach, and exercise and conditioning approach.
5. Explain surgical interventions for disc lesions and discuss postoperative management in the maximum protection phase, moderate and minimum protection phase.

### Lab

Materials Covered: Therapeutic Exercise Chapter 15

Assessment: Lecture Exam

1. Develop an exercise program for management of nonsurgical and postoperative spinal pathologies provided a mock physical therapist evaluation with short and long term goals.
2. Explain the purpose of interventions performed to your lab partner effectively in a clear and understandable manner.
3. Provide appropriate feedback during interventions to your lab partner to achieve the desired outcomes.
4. Appropriately respond to a mock patient's symptoms by utilizing active listening skills during interventions.
5. Recognize when data collection procedures should not be provided due to a change in the patient's status or is not further indicated and report to the supervising Physical Therapist.
6. Accurately documents the interventions performed in a SOAP note.

## **Module #12**

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## Lecture

Materials Covered: Therapeutic Exercise Chapter 24

Assessment: Homework #3

1. Outline the characteristics of pregnancy in the first, second and third trimester and the events in each stage of labor.
2. Describe the interventions for pelvic floor impairments including patient education, neuromuscular reeducation, biofeedback, manual treatment and modalities.
3. Describe pregnancy-induced pathology including diastasis recti, posture-related back pain, SI/pelvic girdle pain, varicose veins, joint laxity and nerve compression syndromes.
4. Outline exercise for the uncomplicated pregnancy and postpartum including guidelines, recommendations for fitness, precautions, contraindications, selected exercise techniques, pelvic floor awareness, training and strengthening, relaxation and breathing exercises, unsafe postures and exercises, and postpartum exercise.
5. Outline cesarean childbirth with regards to surgical risks, interventions, exercises following a cesarean, coughing techniques, relieving gas pain, and scar mobilization.
6. Discuss the high risk conditions and provide management guidelines and precautions.

***\*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\***

Lecture Tests	60%
Assignments	10%
Skill Check Assessments	2%
Laboratory Practical Examination	8%
<u>Final Comprehensive Exam</u>	<u>20%</u>
	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  
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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 ([ACADEMIC CALENDAR](#)). 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.**

## 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: [Student Success & Tutoring Center](#) 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 **free** 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: [Wavenet Central](#). 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 [Online Testing](#) 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).

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

# INSTRUCTOR'S COURSE INFORMATION SHEET

## PART I: INSTRUCTOR INFORMATION

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

## Part II: Course Schedule and Assessments

<b>Dates:</b>	<i>**Schedule subject to change</i>
<b>Week 1 May 21-24, 2018</b>	<p><u>Lecture – Module 1 (Monday)</u> Materials Covered: Therapeutic Exercise Chapter 10, Orthopedic Physical Examination Tests Chapter 1 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab – Module 1 (Monday)</u> Materials Covered: Therapeutic Exercise Chapter 10; Lab Handout Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout-not graded</li> <li>• Lecture Exam</li> </ul> <p><u>Lecture-Module 2 (Tuesday and Wednesday)</u> Materials Covered: Therapeutic Exercise Chapter 13 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab-Module 2 (Wednesday)</u> Materials Covered: Therapeutic Exercise Chapter 13 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout (not graded)</li> <li>• <b>Documentation Assignment in Trajecsys (Graded Assignment)</b></li> </ul> <p><u>Lecture-Module 3 (Thursday)</u> Materials Covered: Therapeutic Exercise Chapter 11 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul>
<b>Week 2 Closed May 28, 2018 May 29-31</b>	<p><u>Lecture – Module 4 (Tuesday)</u> Materials Covered: Therapeutic Exercise Chapter 12 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul>

<b>Dates:</b>	<b>**Schedule subject to change</b>
	<p><u>Lecture-Module 5 (Wednesday, and Thursday)</u>  Materials Covered: Therapeutic Exercise Chapter 17  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab-Module 5 (Wednesday)</u>  Materials Covered: Therapeutic Exercise Chapter 17  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout (not graded)</li> <li>• <b>Documentation assignment in Trajecsys (Graded Assignment)</b></li> </ul>
<b>Week 3</b> <b>June 4-7, 2018</b>	<p><u>Lecture-Test 1 (Monday)</u>  Materials Covered: Test 1  Assessment(s):</p> <ul style="list-style-type: none"> <li>• <b>Test 1 Chapters 10, 11, 12, 13, and 17</b></li> </ul> <p><u>Lab-Module 6 (Monday)</u>  Materials Covered: Therapeutic Exercise Chapters 18 and 19  Assessment(s):</p> <ul style="list-style-type: none"> <li>• <b>Skill Check Assessment: Orthopedic Special Tests: Neural Special Tests</b></li> <li>• Completion of Lab Handout (not graded)</li> </ul> <p><u>Lecture – Module 6 (Tuesday)</u>  Materials Covered : Therapeutic Exercise Chapter 18 and 19  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lecture-Module 7 (Wednesday and Thursday)</u>  Materials Covered: Therapeutic Exercise Chapter 20  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab – Module 7 (Wednesday)</u>  Materials Covered : Therapeutic Exercise Chapter 20  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout (not graded)</li> </ul>
<b>Week 4</b> <b>June 11-14, 2018</b>	<p><u>Lecture-Module 8 (Monday and Tuesday)</u>  Materials Covered: Therapeutic Exercise Chapter 21  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab – Module 8 (Monday)</u>  Materials Covered: Therapeutic Exercise Chapter 21  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout (not graded)</li> </ul>

<b>Dates:</b>	<i>**Schedule subject to change</i>
	<ul style="list-style-type: none"> <li>• <b>Skill Check Assessment: Orthopedic Special Tests: Upper Extremity</b></li> </ul> <p><u>Lecture-Module 9 (Wednesday)</u>  Materials Covered: Therapeutic Exercise Chapter 22  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul> <p><u>Lab-Module 8 and 9 (Wednesday)</u>  Materials Covered: Therapeutic Exercise Chapters 21 and 22  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Completion of Lab Handout (not graded)</li> <li>• Documentation Assignment in Trajecsys (Graded Assignment)</li> <li>• <b>Skill Check Assessment: Biofeedback</b></li> </ul> <p><u>Lecture-Modules 6-9 (Thursday)</u>  Materials Covered: Therapeutic Exercise Chapters 18-22-Review  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lecture Exam</li> </ul>
<b>Week 5  June 18-21, 2018</b>	<p><u>Lecture-Module 10 (Monday)</u>  Materials Covered: The Rehabilitation Specialist's Handbook Section XV Prosthetics and XVI Orthotics; Guest Lecture  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Final Exam</li> </ul> <p><u>Lab – Module 10 (Monday)</u>  Materials Covered : The Rehabilitation Specialist's Handbook Section XV Prosthetics and XVI Orthotics; Guest Lecture  Assessment(s):</p> <ul style="list-style-type: none"> <li>• <b>Skill Check Assessment: Applies and Adjust Adaptive Equipment: Brace</b></li> </ul> <p><u>Lecture-Test 2 (Tuesday)</u>  Materials Covered: Test 2  Assessment(s):</p> <ul style="list-style-type: none"> <li>• <b>Test 2 Chapters 18, 19, 20, 21, 22</b></li> </ul> <p><u>Lecture-Module 11 (Wednesday and Thursday)</u>  Materials Covered: Therapeutic Exercise Chapter 15  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Final Exam</li> </ul> <p><u>Lab-Module 11 (Wednesday)</u>  Materials Covered: Therapeutic Exercise Chapter 15  Assessment(s):</p> <ul style="list-style-type: none"> <li>• Lab Handout (not graded)</li> </ul>

<b>Dates:</b>	<b>**Schedule subject to change</b>
	<ul style="list-style-type: none"> <li>• <b>Documentation Assignment in Trajecsys (Graded Assignment)</b></li> </ul>
<b>Week 6 June 25-28</b>	<p><u>Lecture-Module 12 (Monday)</u> Materials Covered: Therapeutic Exercise Chapter 24 Assessment(s):</p> <ul style="list-style-type: none"> <li>• Final Exam</li> </ul> <p><u>Lab: Modules 1-12 Review (Monday)</u> Materials Covered: Therapeutic Exercise all chapters, Orthopedic Physical Examination Tests; Rehab Specialist's Handbook Assessment:</p> <ul style="list-style-type: none"> <li>• Final lab practical competency examination</li> <li>• <b>Skill Check Assessment: Orthopedic Special Tests: Lower Extremity</b></li> </ul> <p><u>Lecture: Modules 1-12 Review (Tuesday)</u> Materials Covered: Therapeutic Exercise all chapters Assessment:</p> <ul style="list-style-type: none"> <li>• Final Examination</li> </ul>
<b>Final Exam and Lab Practical Competency Examination</b>	<p><b>Final Written Comprehensive Examination: Wednesday June 27<sup>th</sup></b> <b>Lab Practical Competency Examinations: June 27<sup>th</sup>-28<sup>th</sup></b></p>

## 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)

- **Examinations:** Per the instructor's discretion, a missed examination may be made up with a deduction of 10% of the total score.
- **Skill Check Assessments:** 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.
- **Late assignments** (i.e. Homework, Documentation): 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 (Documentation)	10%
Skill Check Assessments	2%
Laboratory Practical Examination	8%

Item Description	Total Points for Item *All items in each category are evenly weighted	% of Grade
<b>Unit Tests:</b> The student will complete computerized tests. The questions will be predominantly multiple-choice, with a few short answer problems assessing your knowledge of the unit objectives.	Test 1 = 100 Test 2 = 100	60%
<b>Comprehensive Final:</b> The student will complete 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.	Final = 100	20%
<b>Assignments:</b> The purpose of assignments is to perform critical thinking and application of the material covered in lecture and lab.	Week 1 documentation =13 Week 2 documentation = 13 Week 5 documentation = 13	10%
<p><b>Skill Check Assessments:</b> Each skill check 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 passed after two attempts.</p> <p>The skill check assessment rubrics are uploaded on D2L under content. Intervention or data collection skill check assessment is performed at the end of each lab unit after the instructor has provided the student with didactic material, demonstration and hands on application. The student is required to successfully complete each skill check assessment below for this course prior to the lab practical examination. The skill check assessment associated with the lab practical examination may be attempted up until 2 instructor working days to the date of the scheduled lab practical examination or a designated date by the instructor. Failure to complete a skill check assessment will not allow the student to complete the laboratory practical examination, which will</p>	<p>Orthopedic Special Tests- Neural</p> <p>Applies and Adjusts Adaptive Equipment- Brace</p> <p>Orthopedic Special Tests- Upper Extremity</p> <p>Orthopedic Special Tests- Lower Extremity</p> <p>Biofeedback</p>	2%

<p>result in failure of the course.</p> <p>The students will schedule for skill check assessment with the instructor, see course schedule. If time allows skill check assessment may be performed during lab and at the instructor discretion during the instructor office hours.</p> <p>**The number of skill check assessments can vary per instructor discretion.</p>		
<p><b>Lab Practical Examination:</b> The student will complete a laboratory practical examination competency that will assess their ability of adding the orthopedic data collection and interventions learned this term to a physical therapy treatment plan. The purpose of this assessment is for the instructor to provide summative feedback on student skill development.</p> <p><b>Laboratory practical examination(s) are weighted equally and are worth 8% of the overall grade. The laboratory practical examination grading rubrics are uploaded on D2L under content one week prior to the scheduled comp. A minimum of 75% and all critical elements must be achieved to pass the laboratory practical examinations. Three attempts will be given for the competency. Repeat competency will be awarded a maximum of 75%. Students will only be allowed to try competency check off one time per day.</b></p>	<p>Lab Practical Examination Competency= TBD</p>	<p>8%</p>
<p><b>Total</b></p>		<p>100%</p>

### 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.