



INSTRUCTIONAL PACKAGE

PTH 202

Physical Therapy Modalities

Effective Term
Spring/2020

INSTRUCTIONAL PACKAGE

Part I: Course Information

Effective Term: 201920

COURSE PREFIX: PTH 202 COURSE TITLE: Physical Therapy Modalities
CONTACT HOURS: 6/week CREDIT HOURS: 3 hours

RATIONALE FOR THE COURSE:

This course introduces clinical reasoning and steps to patient management, documentation, and clinical decision making with regard to the utilization of physical agents in patient care.

COURSE DESCRIPTION:

The course introduces patient care techniques, including patient preparation and therapeutic hot/cold modalities. The student will engage in laboratory sessions associated with the didactic PTA courses that will allow the student the opportunity to demonstrate data collections and intervention skills by practice on classmates.

PREREQUISITES/CO-REQUISITES:

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

REQUIRED MATERIALS:

- Physical Agents in Rehabilitation An Evidence-Based Approach to Practice Fifth Edition, Michelle H. Cameron, 2018
- 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:

NA

TECHNICAL REQUIREMENTS:

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

August 2019

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 successfully completing the Horry-Georgetown Technical College Physical Therapist Assistant Program, the graduate will be able to achieve the program's 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's 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:

After successful completion of this course, the student will be able to meet the following terminal behavior outcomes that relate to each of the following physical agents, electrical modalities, and soft tissue mobilization:

- Biofeedback therapy (e.g., relaxation techniques, muscle reeducation, EMG)
- Electrical stimulation therapy (e.g., iontophoresis, electrical muscle stimulation (EMS), TENS, functional electrical stimulation (FES))
- Cryotherapy procedures (e.g., cold pack, ice massage, vapocoolant spray, contrast baths)
- Ultrasound and Phonophoresis
- Diathermy
- Laser
- Thermotherapy (hot pack, paraffin)
- Intermittent pneumatic compression
- Mechanical spinal traction
- Soft tissue mobilization (e.g., connective tissue massage, therapeutic massage)

1. Review the medical and physical therapy documentation for a patient scenario and accurately explain the purpose and physiological effects, indications, precautions, and contraindications of physical therapy interventions.

2. Select, implement, and modify treatment for a patient scenario within the parameters of the physical therapist plan of care.
3. Proficient in teaching a home exercise or self-care program interventions and prevention strategies within the parameters of the physical therapist plan of care.
4. Review the physical therapist plan of care for a patient scenario and perform appropriate data collection to assist the physical therapist in monitoring the effects of the intervention on a mock patient from a case scenario.
5. Document a treatment accurately in SOAP note format for a patient scenario, including specific treatment parameters, application techniques, and treatment outcomes with correct billing for reimbursement.
6. Acknowledge when the supervising physical therapist should be informed of a patient status change and when the need for clarification or assistance is needed to perform interventions or data collection.
7. 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.
8. 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.
9. Acknowledge the scope of practice of a PTA in both legal and ethical dimensions; demonstrate professional behaviors by behaving honestly, tactfully, dependably, enthusiastically, cooperatively and industriously.
10. Comply with safety and risk management strategies for self, patient, and facility.
11. Demonstrate the ability to self-reflect on strengths and weaknesses for skill development.

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.

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

Module #1

Lecture & Lab

Materials Covered: Physical Agents in Rehabilitation & Lab handout

Assessment(s): Assignments & Lecture Test

- 1) Read and comprehend peer review article about a physical therapy physical agent, accurately summarize the information in writing, and correctly teach the information to other physical therapist assistant students.
- 2) Accurately explain the role of physical agents in rehabilitation to assist in healing.
- 3) Correctly explain the physiological process and phases of tissue healing (inflammation, proliferation, and maturation).
- 4) Describe the difference between the physiological process in acute and chronic inflammation.
- 5) Explain the formation of edema and explain the impact of edema on tissues.
- 6) Explain the cause of the pain-spasm cycle.
- 7) Differentiate acute, chronic, and referred pain.
- 8) Discuss the peripheral and central mechanisms of nociception and pain transmission.
- 9) Explain current theories of pain control.
- 10) Explain the use of physical agents for controlling pain.
- 11) Provide the rationale for monitoring vital signs to assess pain.

Lab

Materials Covered: Physical Agents in Rehabilitation and lab handout

Assessment(s): Assignments & Skill Checks

- 1) Review the mock physical therapist evaluation and correctly identify the sensory or pain impairments according to the evaluation.
- 2) Demonstrate appropriate superficial, deep, and combined assessment techniques following a demonstration by the instructor.
- 3) In a mock patient scenario accurately demonstrate appropriate pain assessment techniques to assist the physical therapist in monitoring the effects of treatment.
- 4) In a mock patient scenario, select the most appropriate sensory and or pain assessment techniques to meet the goals set by the PT within the parameters of the plan of care.
- 5) In a mock patient scenario, accurately document sensory and pain assessment accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes.
- 6) In a mock patient scenario, complete a pain assessment while utilizing active listening skills in a patient lab case scenario.

Module #2

Lecture

Material (s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of cold & superficial thermal physical agents.
- 2) Accurately explain the physiological effects of cold & superficial thermal physical agents.
- 3) Correctly identify indications, contraindications, and precautions of cold & superficial thermal physical agents.
- 4) Acknowledge how a rehab aid could assist a physical therapist or physical therapist assistant with the application of superficial modalities.

Lab

Materials Covered: Physical Agents in Rehabilitation

Assessment(s):- Assignments & Skill Checks

- 1) Review a mock physical therapist evaluation and select the most appropriate cold & superficial thermal physical agent's techniques to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform the most appropriate cold & superficial thermal physical agents as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of cold & superficial thermal physical agents.
- 4) Educate a mock patient in safe and effective home use of cold & superficial thermal physical agents.
- 5) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for cold & superficial thermal physical agents.
- 6) Appropriately respond to a peer's privacy by performing appropriate draping during application of the

Module #3

Lecture

Materials Covered (s): Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of ultrasound and phonophoresis.
- 2) Accurately explain the physiological effects of ultrasound and phonophoresis.
- 3) Correctly identify indications, contraindications, and precautions of ultrasound and phonophoresis.

Lab

Material (s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Skill Checks

- 1) Review a mock physical therapist evaluation and select the most appropriate ultrasound and phonophoresis technique to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform the most appropriate ultrasound and phonophoresis, as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of ultrasound and phonophoresis.
- 4) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for ultrasound and phonophoresis.

Module #4

Lecture

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of mechanical spinal traction.
- 2) Accurately explain the physiological effects of mechanical spinal traction.
- 3) Correctly identify indications, contraindications, physiological effects, and precautions of mechanical spinal traction.

Lab

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Skill Checks

- 1) Review a mock physical therapist evaluation and select the most appropriate mechanical spinal traction technique to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform appropriate mechanical spinal traction as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of mechanical spinal traction.
- 4) Educate a mock patient in safe and effective home use of mechanical spinal traction.
- 5) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for mechanical spinal traction.

Module #5

Lecture

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of intermittent pneumatic compression.
- 2) Accurately explain the physiological effects of intermittent pneumatic compression.
- 2) Correctly identify indications, contraindications, physiological effects, and precautions of intermittent pneumatic compression.

Lab

Material (s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Skill Checks

- 1) Prepare a mock patient and safely perform appropriate intermittent pneumatic compression as outlined in a plan of care.
- 2) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of intermittent pneumatic compression. I.e., Girth measurements and volumetric.
- 3) Educate a mock patient in safe and effective home use of intermittent pneumatic compression.
- 4) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for intermittent pneumatic compression.
- 5) Seek input from a peer or instructor on how to improve their explanation of the purpose and physiological effects of a modality to a peer in a lab case scenario.

Module #6

Lecture

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of diathermy.
- 2) Accurately explain the physiological effects of diathermy.
- 3) Correctly identify indications, contraindications, physiological effects, and precautions of diathermy.

Lab

Material (s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments

- 1) Review a mock physical therapist evaluation and select the most appropriate type of diathermy to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform appropriate diathermy therapy as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of diathermy therapy.
- 4) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for diathermy.

Module #7

Lecture

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of laser.
- 2) Accurately explain the physiological effects of laser.
- 3) Correctly identify indications, contraindications, physiological effects, and precautions of laser.

Lab

Material (s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Skill Check

- 1) Review a mock physical therapist evaluation and select the most appropriate type of laser to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform appropriate laser therapy as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of laser therapy.
- 4) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for laser.

Module #8

Lecture

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Lecture Test

- 1) Accurately explain the purpose of electrical stimulation therapy.
- 2) Accurately explain the physiological effects of stimulation therapy.
- 3) Correctly identify indications, contraindications, physiological effects, and precautions of

electrical stimulation therapy.

Lab

Material(s) Covered: Physical Agents in Rehabilitation

Assessment(s): Assignments & Skill Checks

- 1) Review a mock physical therapy evaluation and select the most appropriate electrical stimulation therapy to meet the goals set by the PT within the parameters of the plan of care.
- 2) Prepare a mock patient and safely perform appropriate electrical stimulation therapy (Iontophoresis, Neuromuscular Electrical Stimulation, Interferential Current, Transcutaneous Electrical Stimulation) as outlined in a plan of care.
- 3) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of electrical stimulation therapy.
- 4) Educate patients in safe and effective home use of electrical stimulation therapy.
- 5) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment outcomes for electrical stimulation therapy.

Module #9

Lecture and Lab

Materials Covered: Physical Agents in Rehabilitation and Supplemental Reading

Assessment(s): Assignments & Lecture Tests & Skill Checks

- 1) Accurately explain the purpose of biofeedback therapy.
- 2) Accurately explain the physiological effects of biofeedback therapy.
- 3) Correctly identify indications, contraindications, physiological effects, and precautions of biofeedback therapy.
- 4) Review a mock physical therapy evaluation and select the most appropriate biofeedback therapy to meet the goals set by the PT within the parameters of the plan of care.
- 5) Prepare a mock patient and safely perform appropriate biofeedback therapy as outlined in a plan of care.
- 6) Demonstrate appropriate assessment techniques to assist the physical therapist in monitoring the effects of biofeedback therapy.
- 7) Educate patients in safe and effective home use of biofeedback therapy.
- 8) Document treatments accurately in SOAP note format, including specific treatment parameters, application techniques, and treatment.

Module #10

Lecture and Lab

Materials Covered: Supplemental Reading

Assessments: Assignment and Lecture Test

- 1) Accurately define massage or soft tissue mobilization techniques and name the utilization of these techniques for therapeutic benefit.
- 2) Accurately define the effects and indications and contraindications to massage or soft tissue mobilization techniques.
- 3) Prepare a mock patient and employ massage or soft tissue mobilization techniques accurately to decrease edema, muscle spasm, and pain following a demonstration by the instructor.

4) Accurately perform superficial and deep massage or soft tissue mobilization techniques with appropriate intensity and duration to achieve established physical therapy plan of care goals following a demonstration by the instructor.

****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	5%
Skill Check Assessments	5%
Lab Practical Competency Exam	8%
Final Exam	20%
Class Participation	2%
Total	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 ([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 80 percent (80%) of their classes in order to receive credit for any course. Due to the varied nature of courses taught at the college, some faculty may require up to 90 percent (90%) attendance. Pursuant to 34 Code of Federal Regulations 228.22 - Return to Title IV Funds, once a student has missed over 20% of the course or has missed two (2) consecutive weeks, the faculty is obligated to withdraw the student and a student may not be permitted to reenroll. **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: [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 or go to the [Online Resource Center](#) to access on-demand resources any time.

TECH Central – Student Information Center



TECH Central provides quality enrollment and collegiate guidance for students, faculty, and staff. Services include phone, walk-in, and online technical support for technology training and troubleshooting. Additionally, we offer support in Office 365, Outlook E-mail setup, and ID cards.

Phone: 843-349-5340

Email: techcentral@hgtc.edu

Text: 843-357-8552

TECH Talk (Live Chat): Located on the "Home" tab in WaveNet.

Website: www.hgtc.edu/techcentral

Locations:

Conway Building 1100, Room 132D

Grand Strand Building 200, Room 136

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 Beth Havens, 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, sex, national or ethnic origin, age, religion, disability, marital or family status, veteran status, political ideas, sexual orientation, gender identity, or pregnancy, childbirth, or related medical conditions, including, but not limited to, lactation in educational programs and/or activities.

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

Title IX Requirements

All students (as well as other persons) at Horry-Georgetown Technical College are protected by Title IX—regardless of their sex, sexual orientation, gender identity, part- or full-time status, disability, race, or national origin—in all aspects of educational programs and activities. Any student, or other member of the college community, who believes that he/she is or has been a victim of sexual harassment or sexual violence may file a report with the college’s Chief Student Services Officer, campus law enforcement, or with the college’s Title IX Coordinator, or designee.

*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 concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Vice President for Student Affairs.	Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Vice President for Human Resources.
Dr. Melissa Batten, VP Student Affairs <i>Title IX Coordinator</i> Building 1100, Room 107A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5228 Melissa.Batten@hgtc.edu	Jacquelyne Snyder, VP Human Resources <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 Jacquelyne.Snyder@hgtc.edu

INSTRUCTOR'S COURSE INFORMATION SHEET

PART I: INSTRUCTOR INFORMATION

INSTRUCTOR NAME: DR. TAMMY MARCIN PT, DPT, EDD MBA

CAMPUS PHONE NUMBER: 843-477-2067

COLLEGE EMAIL ADDRESS: TAMMY.MARCIN@HGTC.EDU

EMAIL POLICY: I WILL RETURN EMAILS WITHIN TWO BUSINESS DAYS OF RECEIPT

OFFICE LOCATION: GRAND STRAND CAMPUS SPEIR BUILDING 1000 ROOM 1282F

OFFICE HOURS/AVAILABILITY: POSTED IN WAVENET AND ON OFFICE DOOR

Part II: Course Schedule and Assessments

THE SCHEDULE IS SUBJECT TO CHANGE

Week 1: 1/14 & 1/16

Lecture & Lab Module 1

Materials Covered: Physical Agents in Rehabilitation Chapters 1-5 & Lab handout

Assessment(s): Assignment #1 – Graded in-class lab activity

Week 2: 1/21 & 1/23

Lecture & Lab Module 2 Cryotherapy and Superficial Heat

Materials Covered: Physical Agents in Rehabilitation Chapters 7, 8, & Lab handout

Assessment(s):

- Assignment #2: Prelab, due Tuesday at 8, am in D2L dropbox
- Assignment #3: Documentation of cryotherapy or superficial thermal agent. The faculty will assign the modality for documentation in the lab on Thursday. The documentation is due Friday at 8 am in Trajecys.

Week 3: 1/28 & 1/30

Lecture & Lab Module 3 Ultrasound and Phonophoresis

Materials Covered: Physical Agents in Rehabilitation Chapter 9 & Lab handout

Assessment(s):

- Test #1: Modules 1 & 2 Thursday
- Skills Check -cold & thermal & pain and sensory assessment Thursday in lab

Week 4: 2/4 & 2/6

Lecture & Lab Module 4 Traction

Materials Covered: Physical Agents in Rehabilitation Chapter 18 & Lab handout

Assessment(s):

- Assignment #4: Quiz ultrasound Tuesday
- Skills Check -Ultrasound Thursday in lab

Week 5: 2/10 & 2/11

Lecture & Lab - Module 5 Compression

Materials Covered: Physical Agents Chapter 20
Assessment(s): NA

Week 6: 2/18 & 2/20

Lecture & Lab - Modules 6, & 7 Diathermy & Laser
Materials Covered: Physical Agents Chapter 10 & 16
Assessment(s):

- Test 2 (US & Traction) Thursday
- Skills Check –Cervical, Lumbar Traction and Girth Thursday in lab

Week 7 & 8: 2/25, 2/27, 3/3, & 3/5

Lecture & Lab – Module 8 Electrotherapy
Materials Covered: Physical Agents in Rehabilitation Chapters 11-14

- Intro Electrotherapy Tuesday
- Muscle Contraction: Lab NMES Thursday
- Pain Control: Lab TENS, IFC, and Bipolar Tuesday
- Tissue Healing: Lab Ionto and HVPC Thursday

Assessment(s):

- Assignment #5: Documentation of electrotherapy. The faculty will assign the modality for documentation in the lab on Thursday. The documentation is due Friday at 8 am in Trajecys.
- Test 3 (Diathermy, Laser, and Compression) 3/3
- Assignment #6: Quiz electrotherapy 3/5 Thursday lecture

Week 9: 3/10 & 3/12

Lecture & Lab – Module 9 Biofeedback
Materials Covered: Physical Agents in Rehabilitation Chapter 10
Assessment(s):

- Test 4 (Electrotherapy) Thursday 3/12
- Skills Check - Laser Thursday in lab

Week 10: 3/17 & 3/18

Lecture & Lab – Module 10 Intro Soft Tissue Massage & Mobilization and Review
Materials Covered: TBA

Assessment(s):

- Skills Check -Electrotherapy (IFC, TENS, NMES, & Ionto) Monday in lab
- Skill Check -Biofeedback Tuesday in lab

Week 11: 3/31 & 4/2

Comprehensive Final Day 3/31
Laboratory Practical Examination Day 4/1, 4/2, or 4/3

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): 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:

Lecture Tests	60%
Assignments	5%
Skill Check Assessments	5%
Lab Practical Competency Exam	8%
Final Exam	20%
<u>Class Participation</u>	<u>2%</u>
Total	100%

Item Description	Total Points for Item *All items in each category are evenly weighted	% of Grade
Lecture Tests: 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 Intro, Cyro & thermal = 100 Test 2 Ultrasound & Traction = 100 Test 3 Laser, Diathermy, Compression = 100 Test 4 electrotherapy = 100	60%
Comprehensive Final: 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%
Assignments: The purpose of assignments is to perform critical thinking and application of the material covered in		5%

lecture and lab. Homework due dates are posted in the D2L Dropbox for each assignment.		
<p>Skill Check Assessments: Each skill check assignment is weighted equally and are 5% of the overall grade. For each skill check assessment, the student will receive the score on the rubric in Trajecsys with a maximum of 10 points. All critical elements must be successfully completed in order to pass the skill check assessment. If a student scores below a 75% on a skill check assessment, it must be repeated and no more than three attempts for each skill check assessment may be completed. A second or third attempt of a skill check assessment will result in a maximum score of 75% or 7.5 points. If the student does not pass the skill check assessment on the third attempt, the student will fail the course and be removed from the PTA program.</p> <p>The skill check assessment rubrics are uploaded in D2L under content as well as located in Trajecsys. Skill check assessments are performed at the end of each lab unit after the instructor has provided the student with didactic material, demonstration and hands on application.</p> <p>**The number of skill check assessments can vary per instructor discretion.</p>	<ul style="list-style-type: none"> • Sensation Testing • Pain Assessments • Cryotherapy • Hot pack • Paraffin • Ultrasound • Girth Measurements • Mechanical Cervical traction • Mechanical Lumbar traction • Laser • Neuromuscular Electrical Stimulation • Interferential Current • Transcutaneous Electrical Stimulation • Ionto • Biofeedback 	5%
Lab Practical Competency Examination	TBA	8%
Class Participation	Rubric = 4 points	2%
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 a lecture:

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

For a 7 week course (Fall and Spring) the allowed number of misses is as follows:

For MWF classes:

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

For MW classes:

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

For TTh classes:

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

For Classes meeting once a week for lecture:

1 absences are allowed for lecture and 1 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 tardies 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.