

# Implement Thera Modalities

PTA2210 001

## Course Description

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Students practice applications of physical agents and mechanical modalities.

Prereq: Admission to the program

Coreq: PTA 2200

Semester: Fall

## Course Student Learning Outcomes

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- Describe and demonstrate components of a physical therapy clinical assessment.
- Read and analyze physical therapy documentation, including initial examination and plan of care, noting indications, contraindications, precautions, safety considerations, goals, and expected outcomes for patients, seeking clarification from the physical therapist as needed.
- Determine activities and positions/postures that may lead to integumentary trauma and be able to observe/document and map a wound.
- Demonstrate how to protect skin issues utilizing patient education, repositioning, edema management and wound care (application and removal of dressings or agents utilizing a sterile technique).
- Apply knowledge of various therapeutic modalities including physiological response, indications, precautions, and contraindications in order to set up modalities with the correct parameters and demonstrate safe use of the modality.
- Following application of a modality be able to determine a patient's response through interviewing, observation and data collection and calculate when it is necessary to either continue treatment, modify treatment or stop treatment and consult with a supervising PT.

- Contribute to the discontinuation of an episode of care planning and follow-up processes as directed by the supervising physical therapist.
- Participate in professional and community organizations that provide opportunities for volunteerism, advocacy, and leadership.

## College Wide Student Learning Outcomes

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- Acquire substantive knowledge
- Communicate effectively
- Develop quantitative literacies
- Think critically
- Express creatively
- Knowledge and skills to be civically engaged
- Work with others in a professional and constructive manner
- Develop information literacy
- Develop computer literacy

## Course Prerequisites

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Students must demonstrate successful completion of all prior semester courses, as established in the curriculum plan, with a grade of C or better. Co-requisite PTA 2200.

## Communication Plan

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Email/Teams/Canvas/Phone response in 48 hours (business days)

I will offer feedback on major assignments within one week or upon request

The best way to contact me is in person or phone, Teams, Canvas, email

## Keys for Success (how to succeed in the course)

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### **STUDENT RESPONSIBILITIES**

Students should expect to spend a minimum of 30+ hours in-class and 45+ hours in concentrated study during the semester. If the student is having difficulty in the course, it is the student's responsibility to talk with the Instructor. Students should identify their learning needs associated with the course content.

### **PROFESSIONALISM**

As a student and a participant in direct patient care activities associated with the PTA Program, you will be held to a high standard of professionalism. Professional behavior includes attendance, timeliness, active participation, and respect for the instructor and fellow students, appropriate communication, and a commitment to learning. Please review the Physical Therapist Assistant Program Handbook for more specific expectations. Note that ten points will be deducted for each unexcused absence (Covid or symptoms of Covid will be excused automatically) with five points deducted for each time that the student is more than ten minutes late to class. To pass the course, the student must earn at least one point in professionalism.

### **COURSE DELIVERY**

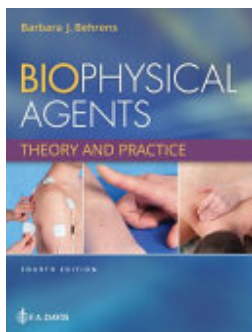
Media presentation, online resources, discussion, case studies, interactive group activities with supervision and guidance of the instructor, reading, and skill practice activities will be used in presenting course content. It is essential that you prepare for this course by studying the content prior to coming to class. You are required to contribute to discussions and participate in the development of understanding in the classroom-learning environment.

### **ADDITIONAL KEYS FOR SUCCESS**

- 1) This is the "hands-on" lab which directly correlates to the lecture/discussion content in the parent co-requisite course PTA 2200. In other words, this part is FUN! Come to lab dressed in lab clothes and ready to participate as you will learn how to use ultrasound, electrical stimulation, light therapy, traction, biofeedback, blood flow restriction therapy and perform massage to name a few modalities.
- 2) Check announcements on canvas for any changes to lab content or clarification of instructions for the day.
- 3) \*\*To get the most out of this course please try to do the pre-instructional work which will include videos, reading assignments, quizzes, worksheets and online discussions

## Required Text or Materials

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**Title: Biophysical Agents**  
**ISBN:** 9780803676671  
**Authors:** Barbara J. Behrens  
**Publication Date:** 2020-09-29  
**Edition:** 4th Edition



**Title: Physio U (evidence-based rehabilitation software) is REQUIRED for this course**  
**Subtitle:** Students will access this material by paying for a 12month membership (or a 2 year membership). This software is particularly useful not only in the classroom setting; but also during the clinical internships and post-graduation



**Title: Visible Body Courseware is REQUIRED for this course**



**Title: The college has provided access to multiple cloud-based software applications that will be used throughout the curriculum. These include EHR Go (Documentation and case**

**study software), Medbridge (educational webinars and home exercise/patient education software), Exxat (Student compliance and clinical site management system)**

For more information on textbook accessibility, contact Accessibility & Disability Services at [REDACTED]

## Assignment Schedule

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Due Date	Assignment Name	Assignment Type	Points
	<a href="#">Roll Call Attendance</a>	Assignment	100
9/8	<a href="#">Week #3: Heat and Cold Labs</a>	Quiz	10
9/8	<a href="#">Electronic Charting Practice: Tom Cruise Cold Pack Lab</a>	Assignment	20
9/8	<a href="#">Lab: Patient response to Therapeutic Interventions (hot pack lab)</a>	Assignment	10
9/15	<a href="#">Ultrasound Lab</a>	Assignment	10
9/29	<a href="#">Modalities Practical Exam #1</a>	Assignment	50
10/13	<a href="#">Compression and Edema lab #1 and #2</a>	Assignment	10
11/3	<a href="#">Modalities Practical Exam #2</a>	Assignment	50
11/10	<a href="#">Foundations of electrical stimulation and IFC labs</a>	Assignment	20

Due Date	Assignment Name	Assignment Type	Points
11/17	<a href="#">Lab: NMES</a>	Assignment	20
11/17	<a href="#">TENS lab</a>	Assignment	20
11/24	<a href="#">Biofeedback Lab</a>	Assignment	10
12/4	<a href="#">Skills Check off Sheet</a>	Assignment	50
12/8	<a href="#">EXTRA CREDIT FALL 2024</a>	Quiz	0

## Brief Description of Assignments/Exams

**A description of the assignments**, the due date, and the scoring rubric is in the assignments tab on the course Canvas site. Late work will only be accepted for 48 hours after the deadline and will receive an automatic 50% deduction in points. The exception will be if the deadline was extended from an agreement with the Instructor due to unforeseen circumstances.

**Examinations** assess your knowledge to understand, execute, and analyze the concepts presented and developed during the class discussions, reading of the textbook, and resource materials. The unit objectives will relate to the exam/quiz questions. The exam/quiz questions will include fill in the blank, multiple choice, true/false, case studies, short answer or matching questions.

**Practical Examinations:** Practical examinations test a student's actual understanding of and ability to administer selected patient care skills. Practical examinations shall be conducted through the observation and grading of the student in a simulated client care situation. Students failing a practical examination will be re-taught and retested ONE time within 10 days of the original practical examination. A student requiring retesting cannot earn a score higher than 77%.

## Grading Scale

## FINAL GRADE

The instructor will calculate all individual quizzes and exams without rounding. Scores will be carried two decimal points. Students must receive 77.00% on all exams and quizzes. Failure to achieve 77.00% on all exams and/or earning less than one point in Professionalism, despite a higher composite score for the course, will result in course failure and dismissal from the Program. The instructor will calculate scores on other class projects and assignments into the course grade, after the exam/quiz scores are calculated. Please see Program Handbook for additional information. In addition, to receive credit/recognition for this course as part of the SLCC Physical Therapist Assistant Program, the students must earn an accumulative 77.00% for all assessments as noted under Student Performance Evaluation. SLCC uses the following grade scale for this course:

A 95-100% B 86-88% C 77-79% D 68-70%

A- 92-94% B- 83-85% C- 74-76% D- 65-67%

B+ 89-91% C+ 80-82% D+ 71-73% E 64% and below

## How to Navigate to Canvas

## Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

## Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or

want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

## Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

## Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

## Skills Check-Off Form

The course Skills Check-Off Form ensures students have demonstrated specific skills to a PTA Program Instructor and fellow students. The Instructor and student observer of the skill must initial and date the Skills Check-Off Form in the appropriate box. The Skills Check-off form lists the due dates. The student will present the form to the Instructor on the due date indicated.

## PT On-Site/Telehealth Clinic Policy and Procedures



Students will self-select three On-Site/Telehealth clinic blocks on the PT On-Site/Telehealth Clinic Sign-up sheet. Students will participate once with each staff member over the course of two semesters (minimum of 3 total for the semester, meeting PT On-Site/Telehealth Clinic requirements for all semester courses). Have the On-Site/Telehealth Clinician initial your skills check-off form if you practice the skill in the clinic.