

## Header

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# Interventions Musculo Disorder

PTA2410 302

## Instructor Information

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**Faculty:**

**Phone:**

**Email:**

**Office Location:**

**Office Hours**

## Course Description

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Students develop treatment skills for medical and surgical musculoskeletal pathologies.

Prereq: Successful completion of prior semester courses per established curriculum plan w/C grade or better

Coreq: PTA 2400

Semester: Spring

Students develop treatment skills and clinical reasoning for medical and surgical musculoskeletal pathologies.

The instructional methods used in this course are carefully structured to enhance the mastery of complex, detailed information and to apply this knowledge as a problem-solving tool. Team-based learning, active learning techniques, video clips, and small group presentations will augment traditional hands-on experiences.

## Course Student Learning Outcomes

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- Apply current knowledge, theory, and clinical judgement while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist.
- Provide interventions compliant with federal and state licensing requirements, APTA standards documents (i.e. Guide for Conduct for the PTA, Code of Ethics), and facility policies and procedures.
- Demonstrate appropriate therapeutic exercise techniques and therapeutic modalities and equipment, within the plan of care of the physical therapist, in patients/clients with musculoskeletal disorders.
- Explain the rationale for selected interventions to achieve patient goals as identified in the plan of care.
- Use clinical problem-solving skills in patient care such as determining if patient is safe and comfortable with the intervention, and, if not, determine appropriate modifications; comparing results of intervention to previously collected data and determining if there is progress toward the expectations established by the PT or if the expectations have been met; and determining if modifications to the interventions are needed to improve patient response.
- Apply components of patient instruction including principles of learning using a variety of teaching strategies, verbal and visual instructions, methods to enhance compliance (handouts, reporting forms), and determine patient response/understanding of instruction.
- Implement competent patient progression including identifying the need to progress via data collection, determining what progression can be made within the plan of care, identifying possible progressions that will continue to advance patient response, selecting and implementing the progression of the intervention, determine outcomes of the intervention, and identifying and integrating appropriate evidence based resources to support clinical decision making for progression of patient within the plan of care established by the physical therapist.
- Write patient care documentation including using language that is accurate, complete, legible, timely, and consistent with institutional, legal, and billing requirements; using appropriate grammar, syntax, and punctuation in communication; using appropriate terminology and institutionally approved

abbreviations; using an organized and logical framework to document care; and identifying and communicating with the physical therapist when further documentation is required.

## Course Prerequisites

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Successful completion of PTA 2010/2015 and PTA 2300/2310, per established curriculum plan, with a grade of “C” or better; corequisite with PTA 2400.

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

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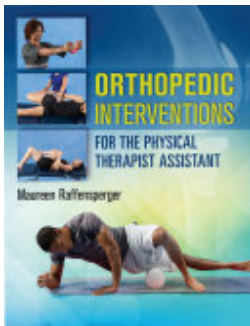
Active participation in and frequent practice of all hands-on techniques will facilitate and reinforce learning and psychomotor skills. Additionally, active participation in treatment planning through case studies is key to reinforcing concepts and clinical reasoning.

## Required Text or Materials

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**Title:** PhysioU

**Subtitle:** Required



**Title:** Orthopedic Interventions for the Physical Therapist Assistant

**Subtitle:** \*Optional

**ISBN:** 9780803658950

**Authors:** Maureen Raffensperg

**Publisher:** F.A. Davis

**Publication Date:** 2019-11-05

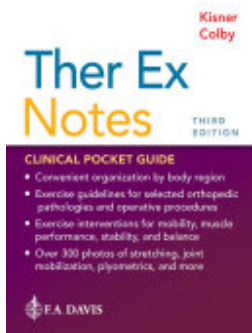
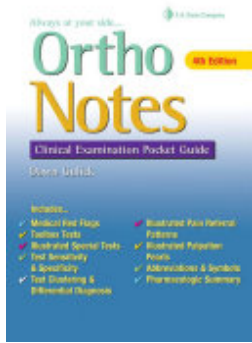
**Title:** Ortho Notes

**ISBN:** 9780803677531

**Authors:** Dawn Gulick

**Publisher:** F.A. Davis

**Publication Date:** 2018-01-16



**Title:** Ther Ex Notes  
**ISBN:** 9781719649230  
**Authors:** Carolyn Kisner, Lynn Allen Colby  
**Publisher:** F.A. Davis  
**Publication Date:** 2022-10-17

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

## Class Schedule

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Due Date	Assignment Name	Assignment Type	Points
	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Spring 2024 Course Evaluations</a>	Assignment	5
4/14	<a href="#">Dry Needling</a>	Assignment	10
2/9	<a href="#">Practical Exam 1</a>	Assignment	60
3/1	<a href="#">Practical Exam 2</a>	Assignment	60
4/5	<a href="#">Practical Exam 3</a>	Assignment	65

Due Date	Assignment Name	Assignment Type	Points
4/23	<a href="#">Graston MedBridge Course IASTM-palooza Prep</a>	Assignment	30
5/1	<a href="#">Final Practical</a>	Assignment	65

## Brief Description of Assignments/Exams

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Assignments will include skills checks to verify the ability to perform applicable psychomotor skills. Practical exams will assess the application of skills and clinical reasoning.

## Grading Scale

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<b>A</b>	95-100%	<b>B</b>	86-88%	<b>C</b>	77-79%	<b>D</b>	68-70%
<b>A-</b>	92-94%	<b>B-</b>	83-85%	<b>C-</b>	74-76%	<b>D-</b>	65-67%
<b>B+</b>	89-91%	<b>C+</b>	80-82%	<b>D+</b>	71-73%	<b>E</b>	64% and below

## Institutional Policies

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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

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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

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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

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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](#)