

Header

Implement Data Collection

PTA2360 301

Instructor Information

Faculty:

Phone:

Email:

Office Location:

Office Hours

Best Time to Contact:

Course Description

Students develop competency in a wide variety of data collection skills appropriate for the physical therapist assistant.

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

Coreq: PTA 2350

Semeseter: Spring

Course Student Learning Outcomes

- Given a case study, use the ICF to describe patient's/client's impairments, activity, and participation limitations.
- Collect and document anthropometric characteristics including body dimensions (height, weight, girth, limb length).
- Collect and document gait, locomotion, and balance data including determining patient's safety and progress as well as describing gait deviations and their effect on gait and locomotion.
- Collect and document joint integrity and mobility.
- Collect and document muscle function/performance including manual muscle testing, observing presence or absence of muscle mass, recognizing normal and abnormal muscle length, and describing changes in muscle tone.
- Collect data and document pain utilizing standardized questionnaires, graphs, behavioral scales, or visual analog scales for pain, recognize activities that aggravate pain or altered sensations, and define location and intensity of pain.
- Collect and document posture including determining postural alignment and position, i.e. normal/abnormal alignment of trunk and extremities at rest and during activities (static, dynamic, symmetry, midline deviation).
- Collect and document range of motion including performing tests of joint active and passive movement, muscle length, soft tissue extensibility, tone and flexibility (goniometry, tape measure), describe and measure functional range of motion and measuring range of motion using an appropriate measurement device.
- Collect and document tests of superficial sensation (coarse touch, light touch, cold, heat, pain, pressure, and vibration) and check for peripheral nerve integrity (sensation, strength).
- Demonstrate selected orthopedic special tests.
- Collect and document data appropriate for a given case study.
- Participate in community organization that provides opportunities for volunteerism, advocacy, and leadership.

College Wide Student Learning Outcomes

- 1) Acquire substantive knowledge 2) Communicate effectively 3) Develop quantitative literacies 4) Think critically 5) Express creatively 6) Knowledge and skills to be civically engaged 7) Work with others in a professional and constructive manner 8) . Develop information literacy 9) . Develop computer literacy

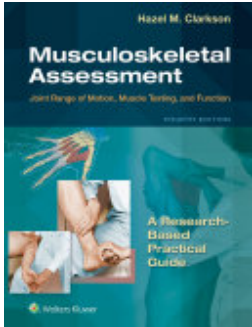
Course Prerequisites

Successful completion of prior semester courses per established curriculum plan with a grade of “C” or better.

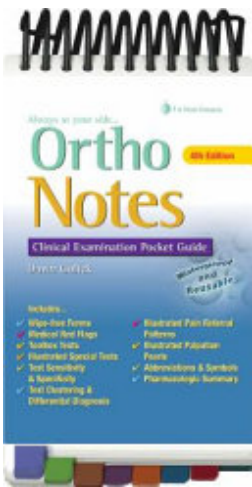
Keys for Success (how to succeed in the course)

- **CLASS PROCEDURE:** This course is in an enhanced/hybrid format with the lecture content on the course internet site and in-class review sessions one-two times a week. There will be content review and assessment each class. The student will complete the required readings for each unit prior to coming to class in order to be prepared for class discussions, activities, and assessments. Please refer to the Tentative Schedule for unit completion due dates and assignments for this course. Concepts from this lecture course will be practiced in the co-requisite lab courses.
- **USE OF ADDITIONAL RESOURCES:** In addition to the book and extensive information on canvas, the instructor suggests utilization of Physio U and Visible Body Software applications to enhance/deepen concepts in the class textbook. Optional resources of Ortho Notes and Physical Rehabilitation by O'Sullivan, Schmitz and Fulk are helpful, but not required
- **OPEN LAB.** Utilization of open lab time will be helpful not only to learn concepts in the lecture course, but also to learn data collection skills that will be tested in the lab course and applied practically in the Pro Bono Clinic

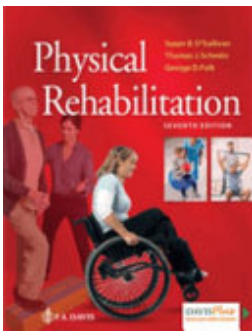
Required Text or Materials



Title: Musculoskeletal Assessment
ISBN: 9781975166304
Authors: Hazel Clarkson
Publisher: Lippincott Williams & Wilkins
Publication Date: 2020-07-20
Edition: 4th



Title: Ortho Notes (OPTIONAL)
ISBN: 9780803666573
Authors: Dawn T. Gulick
Publication Date: 2018-01-16



Title: Physical Rehabilitation (OPTIONAL - REQUIRED FOR SUMMER)
ISBN: 9780803661622
Authors: Susan B. O'Sullivan, Thomas J. Schmitz, George Fulk
Publisher: F. A. Davis Company
Publication Date: 2019-01-01
Edition: 7th Edition

Title: PHYSIO U SOFTWARE APPLICATION (REQUIRED)

Title: VISIBLE BODY SOFTWARE APPLICATION (REQUIRED)

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

[Class Schedule](#)

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Spring 2024 Course Evaluations	Assignment	5
2/4	Practical Exam One	Assignment	100
2/18	At home Core Strength Testing Assignment	Quiz	10
2/25	Practical Exam Two	Assignment	100
3/31	Practical Exam Three	Assignment	100
4/14	Gait Analysis Lab #1	Assignment	30
4/14	Case Study with OTA Students	Assignment	50
4/21	Gait Analysis Lab #2	Quiz	30
4/28	Data Collections Final Practical	Quiz	100
4/28	On site clinic participation	Assignment	100
4/28	Skills Check Off	Assignment	50
5/1	Gait Skill Check and Practical Exam	Assignment	50
5/2	EXTRA CREDIT SPRING 2023	Quiz	0

Brief Description of Assignments/Exams

Assignments: Each assignment has a specific due date as noted under Assignments, in the Tentative Schedule, or as stated by the Instructor. All submissions for a particular

assignment will be graded at the same time to ensure consistency in utilization of the grading rubric.

ePortfolio Requirement: Each student in PTA courses at SLCC will maintain an ePortfolio page. Instructors in every PTA course will require you to put at least one assignment from the course into your ePortfolio, and accompany it with reflective writing. When using an ePortfolio platform, you MUST limit access to your page. At least one signature assignment with reflective writing is required for this course. A signature assignment is an example of your application of knowledge gained in the course accompanied by reflective writing. Select an assignment from this course which you would believe is indicative of knowledge gained in this course. Next, write a reflection including such things as: how does this assignment connect with the program curriculum, what impact did this assignment have on you or your understanding of the field of physical therapy, what challenges did you face in completing the assignment and how did you address them, and/or why did you pick this assignment to put in your ePortfolio. Submit your ePortfolio assignment via canvas by the due date

Quizzes and Examinations: These tools are used to assess the student's understanding of the course content, ability to explain and apply the concepts presented and developed during the class discussions, reading of the textbook, and resource materials. Questions are directly related to the unit student learning outcomes. Quizzes and examinations will include: matching, fill in the blank, multiple choice, true/false, case studies, or short essay questions

Late work: Each assignment has a specific due date as noted under Assignments in canvas, in the Course outline, or as stated by the Instructor. Each assignment has a corresponding grading rubric. The highest grade possible for an assignment submitted late is 77% unless late work was pre-approved by the Instructor. All assignments submitted after 7 days from the due date receive a zero score

Grading Scale

Final Grade: All individual quizzes and exams will be carried two decimal points before calculating the final exam score and will be calculated without rounding. Final course grade computation will then include additional learning requirements for the course. Students must receive 77.00% on exams and quizzes before other class projects, assignments and professionalism are computed into the course grade. 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. 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 Grading. The following grade scale will be used 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

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](#)

Professionalism

Professionalism: Critical to the delivery of physical therapy interventions is the demonstration of professionalism. Professional behavior includes attendance, timeliness, participation, respect for Instructor and fellow students' opinions, appropriate communication both written and verbal, and a commitment to learning. Electronic devices must be silenced and their use in class must be authorized by the Instructor. Please review the Physical Therapist Assistant Program Handbook for specific expectations. Note, twenty points will be deducted for each absence with ten points for

each time the student is more than ten minutes late to class. In order to pass the course, at least one point must be earned in Professionalism. The Generic Abilities assessment tool is an excellent outline of expected behaviors and will be utilized in this course. The student will submit to the Instructor a completed Generic Abilities self-Assessment Form by 3 pm on the due date. Additionally, the student will have an interview with his/her program advisor by 3pm on the due date

Written Communication Standard

All written communication including assignments, case studies, and assessment will be free from spelling, grammatical, and punctuation errors and will utilize only those medical abbreviations presented in PTA coursework. Points will be taken off for non-compliance. A professional will always recognize their source of information. If you quote a source such as copying and pasting information or minimally rewording the information, you MUST cite/recognize the source in the same document. Points will be taken off for non-compliance. Note, plagiarism is the use of ideas, facts, opinions, illustrative material, data, direct or indirect wording of another scholar and/or writer – professional or student- without giving proper credit. Plagiarism is not acceptable in this class or at Salt Lake Community College

On-Site Clinic Participation and Reflection

On-Site Clinic Participation and Reflection: Each student will participate in the student-run, pro bono SLCC Physical Therapy On-Site Clinic for a minimum of 20 hours. Each student will submit a Reflection of his/her experience in the clinic. Reflection prompts: describe the application of new skills from the classroom applied to experiences in the clinic; describe feelings regarding participation in the clinic; describe how needs were met of the clients served in the clinic; describe collaboration between students, instructors, clients, and community partners; describe the link between course student learning outcomes and experiences in the clinic; describe understanding of the importance of civic engagement and ability to affect positive social change such as alleviating suffering