

SLO Presentation

PTA

Date: 09-15-2022

ISLO

Civic Engagement

- Students will develop values and beliefs in their role as a member of local, national and global societies to promote truth, fairness and goodwill to others. They will use the democratic process to further their values and beliefs and recognize and accept differing perspectives based on cultural diversity. They will engage in actions which provide service to others and have a positive impact on their local community.

Communication and Expression

- Students will demonstrate the ability to effectively and appropriately communicate their thoughts and ideas both in written and oral forms. They will develop verbal and non-verbal delivery skills, in an appropriate manner, to communicate their ideas as well as evaluate the ideas of others in a wide variety of contexts.

Critical Thinking and Quantitative Reasoning

- Students will demonstrate the ability to recognize assumptions within an argument and actively and skillfully analyze underlying reasoning to develop a conclusion. They will apply qualitative and/or quantitative analysis to solve problems, predict outcomes, test hypotheses, and explore alternatives in an ethical manner.

Information Literacy

- Students will demonstrate the ability to determine when gathering additional information is necessary. They will use appropriate resources and technologies to locate, evaluate and incorporate the information when developing supporting arguments and drawing conclusions. Students will also develop the ability to understand any legal, ethical or social issues regarding the use of information.

Personal Knowledge and Responsibility

- Students will develop the necessary skills to define, maintain and complete their personal educational goals. They will learn to work independently to accomplish personal goals toward realizing their full potential academically, physically and emotionally whether for personal enrichment, further education or career advancement.

Health Occupations
PTA
PTA--AA <ul style="list-style-type: none">• Students value the the patient's culture, customs, ethnicity, and values. .• Students utilize legal and ethical professional practices while conducting physical therapy.• Students employ effective documentation, oral and written communication skills in all settings.• Students apply safe and effective patient-centered interventions using sound reasoning.
CSLO
PTA110 - Intro to Physical Therapy <ul style="list-style-type: none">• Students are able to accurately assess safety and assist levels for mobility, gait and stairs.• Students select appropriate mobility interventions based on review of plan of care, PT evaluation and patient record, and with regard to short and long term goals listed by primary physical therapist.• Students are able to determine appropriate and safe progression for bed mobility, transfers, gait, stairs and wheelchair management based on patient performance.• Students propose sound rationale for physical therapy interventions• Students choose safe practices for transfers, gait, and selected physical agents.• Lecture and Lab: Students choose correct documentation practices and demonstrate basic proficiency with SOAP note format.• Students analyze roles of patient team members.• Students choose correct legal and ethical practices and other professional behaviors.• Students apply critical thinking to solve problems and patient care scenarios.• Lab: During a patient simulated scenario with a student partner, students demonstrate safe application of gait training, transfers, and a selected physical agent.• Lab: Accurately assess vital signs.

- Lab: Discuss and follow appropriate Aseptic Techniques.
- Lab: Demonstrate safe and effective technique for basic massage and postural drainage.
- Students identify best practices for applications of physical therapy interventions.

PTA120 - Kinesiology

- Lecture and Lab: Describe the joint motions and muscle actions for each phase of the normal gait cycle.
- Lecture and Lab: Identify basic gait deviations and propose likely causes.
- Lecture and Lab: Analyze biomechanical principles as applied to movement, exercise, pain and dysfunction at each major joint or body segment.
- Lab: Perform goniometric measurements on selected joints and list normal ranges for all covered joints.
- Lab: Perform manual muscle tests on selected muscle groups.
- Lecture and Lab: Assess deviations of alignment and posture and propose likely causes.
- Lab: Accurately identify and palpate bony landmarks.
- Lab: Accurately palpate selected muscles.
- Lecture: Identify origin, insertion, action and innervation of selected muscles.
- Define common orthopedic or nerve pathologies and discuss common patient presentations for each pathology.
- Identify anatomical structures or features and understand their function for each joint or body segment.

PTA125 - Pathology

- Students describe common disorders, their signs and symptoms and pathophysiology, and possible medical or physical therapy interventions and precautions for the musculoskeletal system.
- Students describe common disorders, their signs and symptoms and pathophysiology, and possible medical or physical therapy interventions and precautions for the cardiovascular system.
- Students describe common disorders, their signs and symptoms and pathophysiology, and possible medical or physical therapy interventions and precautions for the respiratory system.
- Students describe pathophysiology, signs and symptoms, related disorders, and possible medical or physical therapy interventions and precautions for patients having diabetes.
- Students describe common types of cancer and general principles related to physical therapy interventions.
- Students describe selected common disorders, their signs and symptoms, pathophysiology, and possible medical or physical therapy interventions or precautions for other systems including, but not limited to, the lymphatic, endocrine and immune systems, and processes of healing and repair.
- Students identify common medications, their general uses, and their effects on patients receiving physical therapy interventions.
- Students define common terms used in pathology,

PTA126 - Clinical Practicum I

- Students adhere to legal and ethical standards for the practice of physical therapy.
- Students consider patients' differences, values, preferences and needs when delivering care.
- Students deliver safe and effective basic physical therapy interventions.
- Students demonstrate effective communication skills with clinical staff, patients, and caregivers according to clinical performance instrument guidelines.
- Students demonstrate professional behavior according to clinical performance instrument guidelines.
- Students identify and report changes in patient status to clinical supervisor.
- Students perform basic patient data collection.
- Students write documentation which accurately reflects the care delivered and the patient's response.

PTA127 - Soft Tissue Interventions

- Students safely perform selected joint mobilization techniques.
- Students safely perform selected taping techniques.
- Students explain indications and contraindications for soft tissue techniques.
- Students identify appropriate special tests for given diagnoses.
- Students safely perform selected myofascial release and soft tissue mobilization.

PTA128 - Physical Therapy Aspects of Growth and Development

- Students identify common diagnoses seen in the pediatric population.
- Students explain the rationale for physical therapy services for the common diagnoses.
- Students adapt a physical therapy treatment plan that is age appropriate/diagnosis appropriate by listing activities that will help attain the child's goals.
- Students identify abnormal movement patterns in children with Cerebral Palsy, spastic diplegia.
- Students identify common sports injuries/conditions that occur in the pediatric/adolescent population that are rare in adults.
- Students describe a type of sensory integration dysfunction.

PTA129 - Physical Therapy Aspects of Aging and Integumentary Management

- Students describe pathologies and system changes with aging.
- Applying precautions and considerations for the aging population, choose the most appropriate rehabilitation interventions.
- Students discuss effects of inactivity.
- Students discuss theories and demographics of aging.
- Students given a patient scenario, choose the best course of action for the PTA.
- Students discuss the impact of medications on the aging population.
- Students choose the correct data collection measures.
- Students discuss effective programs and treatment strategies for impaired patients.
- Students describe stages and events in wound healing.
- Students describe wound characteristics and stages.
- Students identify best interventions for patients with wounds.
- Students identify causes, signs, and assessment of burn injury.
- Students describe body system responses to burns.
- Students describe impairments, and rehabilitation goals and interventions for patients having burn injuries.

PTA130 - Soft tissue Interventions

- Students are able to appropriately assess patient response to and effectiveness of interventions and propose alterations or advancements in application of manual techniques to optimize patient recovery within the plan of care.
- Students are able to integrate soft tissue techniques, joint techniques and taping interventions into a comprehensive intervention plan set by the physical therapist.
- Students explain indications and contraindications for soft tissue techniques.
- Students identify appropriate special tests for given diagnoses.
- Students safely perform selected joint mobilization techniques
- Students safely perform selected myofascial and soft tissue mobilization techniques.
- Students safely perform selected taping techniques
- Students understand and describe interventions to address lymphedema management.

PTA230 - Therapeutic Exercise

- The student will perform physical therapy interventions in a safe and effective manner.
- Students identify indications & contraindications for therapeutic exercise as well as understand precautions for various diagnoses and/or surgeries.
- Students identify appropriate exercises for various stages of tissue healing: acute, subacute, and chronic.
- Students discuss concepts of aquatic therapy and apply general principles to select appropriate exercises for patients.
- Students discuss concepts related to cardiopulmonary rehab and apply general principles to select appropriate exercises for patients with various cardiopulmonary conditions.
- Students discuss concepts related to the treatment of neurologically impaired patients and apply general principles to select appropriate exercise interventions for patients with various neurological disorders.
- Students discuss concepts related to the treatment of orthopedic patients and apply general principles to select appropriate exercise interventions for patients with various orthopedic diagnoses or surgeries.

- Students select appropriate therapeutic exercises to address specific physical therapy functional or physical goals, taking into consideration general exercise principles and basic concepts of strength and conditioning.
- Students define, identify typical presentations for, and select appropriate therapeutic exercise interventions for various physical therapy related pathologies or conditions.
- Students identify basic surgical or medical interventions that are utilized to address common physical therapy related pathologies.
- Students discuss concepts related to the treatment of vestibular and balance impairments and apply general principles to select appropriate exercise interventions for patients exhibiting these impairments.
- Students discuss concepts related to the treatment of patients experiencing pregnancy and/or post partum impairments and apply general principles to select appropriate exercise interventions for these patients.

PTA233 - Prosthetics and Orthotics for Allied Health Professionals

- Students describe "safety position" of the hand to prevent contracture formation.
- Students discuss the purposes of spinal orthoses.
- Students list the goals of prosthetic training.
- Students explain how to instruct a patient in management of the residual limb.
- Students discuss the purposes of limb orthoses.

PTA235 - Neurology

- Students explain the pathophysiology of neurological disorders.
- Students identify signs and symptoms of selected disorders.
- Students define terms related to the study of neurology.
- Students select contraindications and precautions for physical therapy treatment.
- Students know innervations of selected muscle groups, dermatomes, and myotomes.
- Given a patient scenario, students differentiate between likely and unlikely clinical presentations.
- Students propose effective physical therapy interventions for selected disorders.

PTA236 - Clinical Practicum II

- Students are able to perform appropriate therapeutic exercise routines with a variety of patients.
- Students are able to instruct patients and caregivers in selected interventions.
- Students are able to safely apply selected physical agents.
- Students are able to record and communicate to clinical supervisor patients' progress and response to therapy interventions.
- Students are able to safely perform selected manual therapy techniques.
- Students are able to consider patients' differences, values, preferences and needs when delivering care.

PTA240 - Activities of Daily Living

- Students select correct assessment or intervention procedures for patients having pain.
- Students choose correct interventions for improvement of activities of daily living.
- Students link findings of physical therapy evaluation to correct PTA actions.
- Given a licensing examination or career building scenario, choose the most effective course of action.
- Students write a professional resume
- Students explain a selected ADL topic to an audience

PTA245 - Advanced Modalities

- Students choose correct indications, contraindications, and appropriate application of electrical physical agents.
- Students choose correct indications, contraindications, and appropriate application of laser therapy.
- Students choose correct indications, contraindications, and appropriate application of biofeedback and relaxation interventions.
- Students describe the role of electrical stimulation in wound care.
- Students choose correct indications, contraindications, and application of traction interventions.
- Students choose correct indications, contraindications, and application of compression interventions.
- Students demonstrate competency in applying selected interventions in electrical agents, compression and traction by completion of

laboratory skills check offs and/or passing practical examinations.

PTA246 - Clinical Affiliation

- Students adhere to ethical guidelines for the physical therapist assistant.
- Students effectively communicate with other members of the health care team according to clinical performance instrument guidelines.
- Students participate in shared responsibilities of the physical therapy department according to clinical performance instrument guidelines.
- Safely apply electrotherapeutic physical agents
- Produce timely, concise, and accurate documentation of patient care
- Students safely apply electrotherapeutic physical agents.
- Demonstrate ability to accurately self-assess their clinical competency using the clinical performance instrument
- Students produce timely, concise, accurate documentation of patient care.
- Recommend modifications in the plan of care to their clinical supervisor using sound rationale
- Students demonstrate ability to accurately self-assess their clinical competency using the clinical performance instrument.
- Safely perform functional and gait training with patients
- Students recommend modifications in the plan of care to their clinical supervisor using sound rationale.
- Adapt delivery of therapy services with consideration for patients' differences, values, preferences, and needs
- Students safely perform functional and gait training with patients.
- Adapt exercise programs to address patients' individual barriers to progress
- Students adapt delivery of therapy services with consideration for patients' differences, values, preferences, and needs.
- Students adapt exercise programs to address patients' individual barriers to progress.

PTA250 - Licensure Examination Preparation

- Analyze selected physical therapy case studies.
- Analyze selected standardized test questions for content and format.
- Self-assess areas for further study on the PTA licensing exam.

PTA298 - DIRECTED STUDIES

- The student will complete a summary evaluation of skills attained or knowledge acquired during the directed studies project.

PTA299 - Directed Studies

- The student will complete a summary evaluation of skills attained or knowledge acquired during the directed studies project.