

Physical Therapist Assistant

Physical therapist assistants (PTAs) are licensed health care providers who provide physical therapy services under the supervision of a physical therapist.

Physical therapist assistants treat patients with movement, strength, and coordination disorders in order to improve function, decrease pain, and increase independence. The scope of practice may include:

- Administration of physical modalities
- Therapeutic exercise
- Ambulation training
- Assisting/instructing patients with transfers and functional activities

Physical therapist assistants:

- Must recognize common medical disorders
- Must be able to assess whether patients are progressing appropriately with the treatment plan determined by the supervising physical therapist
- Work closely with other allied health team members
- Are currently in demand in the health care system and physical therapist assistant is listed as one of the ten fastest growing occupations by the US Department of Labor Bureau of Labor Statistics

Career Options

The A.S. degree Physical Therapist Assistant Program at Sacramento City College is designed to graduate physical therapist assistants ('PTAs') who will work under the supervision of physical therapists in a wide variety of healthcare settings, including:

- hospitals
- rehabilitation centers
- private practices
- skilled nursing and extended care facilities
- home health care agencies

Licensure

In order to be eligible to apply for state licensure as a physical therapist assistant, the student must have completed all prerequisites, PTA, Allied Health, general education, and graduation requirements, and have a degree. Following graduation, students apply for licensure with the Physical Therapy Board of California. After successful completion of examinations and all requirements of the Physical Therapy Board, graduates may be licensed to work as physical therapist assistants in California. Graduates of the Sacramento City College Physical Therapist Assistant Program are also eligible to apply for licensure in other states.

Costs of the Program

Courses fees are \$46 per unit. In addition to standard course fees and student expenses, the PTA Program expenses include approximately:

- \$644 for prerequisite courses
- \$1518 (approx.) for general education courses (up to 33 units)
- \$1679 for PTA program fees
- \$1400 for books, printing, and supplies
- \$250 for the physical examination and immunizations
- \$120 for drug screen and background check
- \$100 for CPR and First Aid Training \$30 for malpractice insurance
- \$50 for uniforms
- \$1060 (approx.) for license application and examination costs (upon graduation)

Students must plan for travel costs to and from the clinical facilities, many of which are outside the Sacramento area. Some students may need to arrange for housing during the full-time clinical affiliations.

Many students qualify for a [California College Promise Grant \(/student-resources/financial-aid/types-of-financial-aid/promise-programs\)](#) (formerly Board of Governors or BOG Fee Waiver). See [Types of Financial Aid \(/student-resources/financial-aid/types-of-financial-aid\)](#) for more information.

CAPTE Accreditation

Physical Therapist Assistant Program at Sacramento City College is accredited by:

Commission on Accreditation in Physical Therapy Education (CAPTE)
1111 North Fairfax Street
Alexandria, Virginia 22314

Phone: 703-706-3245

Email: accreditation@apta.org (mailto:accreditation@apta.org)

Website: capteonline.org


If needing to contact the SCC PTA program directly, please call (916) 558-2271 or email scapta@scc.losrios.edu (<mailto:scapta@scc.losrios.edu>).


Student Success Outcomes

To learn about graduation rates, examination pass rates, and employment outcomes, download [PTA Outcomes and Statistics \(PDF\)](#) ([/scc/main/doc/3-Academics/2-Programs-and-Majors/Physical-Therapist-Assistant/pta-outcomes-statistics.pdf](http://scc/main/doc/3-Academics/2-Programs-and-Majors/Physical-Therapist-Assistant/pta-outcomes-statistics.pdf)).

Dean [James Collins](#) ([/about-us/contact-us/faculty-and-staff-directory/james-collins](#))

Program Coordinator [David Doron](#) ([/about-us/contact-us/faculty-and-staff-directory/david-doron](#))

 (916) 558-2271

 scc-pta@scc.losrios.edu (<mailto:scc-pta@scc.losrios.edu>)

Associate Degree

A.S. in Physical Therapist Assistant

The Physical Therapist Assistant (PTA) program is at the Associate in Science Degree level, which requires completion of the required program plus general education requirements. These include prerequisite courses (14.5 units), PTA courses (36.5 units), Allied Health courses (3 units), and specific general education courses required for the program (9 units). Students must also take additional courses to meet graduation requirements of the college (10-19 units). PTA and Allied Health courses are offered Monday through Thursday in the evening and are scheduled sequentially for four semesters and one summer session. Supervised clinical experiences are integrated throughout the program. Introduction to Clinical Practice (PTA 122) is a 3-week full-time clinical practicum during the summer session. Clinical Practicum I and II (PTA 142 and 152) are each full-time 6-week clinical experiences at the end of fall and spring semesters of the second year. Clinical sites are located throughout the greater Sacramento and Northern California region.

Recommended Preparation:

High school college preparatory courses including algebra, biology, chemistry, and physiology are recommended. Volunteer work or observational experience in a physical therapy facility is recommended in order to assist students in making a career decision. Medical Language (AH 110) is advised prior to enrollment in the program.

Additional Information:

Informational meetings are held several times each semester and provide prospective students with information on program prerequisites, enrollment processes, and other facts about the program and the field of physical therapy. Current information on program policies and procedures, clinical sites, and data on graduation rates, licensure, and employment may be obtained through the program coordinator. Call (916) 558-2298 or visit the PTA program website at <http://www.scc.losrios.edu/pta> for more information.

Licensure:

Graduates of this program are eligible for the National Physical Therapist Assistant Examination and the California Physical Therapy Laws and Regulations Exam. After successful completion of the examinations and all requirements of the Physical Therapy Board of California, graduates may be licensed to work as physical therapist assistants in California.

Cost of the Program:

The cost of the program includes enrollment fees, which are subject to change. Other estimated costs include: books and supplies \$1200.00; physical examination, immunizations, drug screen, background check, and other clinical requirements \$500.00; malpractice insurance \$30.00; uniforms \$50.00; and application for licensure after graduation \$900.00. Students must also plan for travel costs to and from the clinical facilities, many of which are outside the Sacramento area. Some students may need to arrange for housing during full time clinical experiences.

Accreditation:

The Physical Therapist Assistant Program at Sacramento City College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: <http://www.capteonline.org>.

Transfer Students:

Students from other accredited PTA programs may apply to transfer to the Sacramento City College PTA program. Enrollment depends upon evidence of completion of equivalent academic and clinical course work and on space available in the program.

Catalog Date: June 1, 2020

Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
Prerequisite Courses:		
BIOL 430	Anatomy and Physiology	5
BIOL 431	Anatomy and Physiology	5
ENGWR 300	College Composition (3)	3-4

COURSE CODE	COURSE TITLE	UNITS
or ESLW 340	Advanced Composition (4)	
or ENGWR 488	Honors College Composition and Research (4)	
PTA 100	Introduction to Physical Therapist Assistant	1.5
First Year, Fall Semester:		
AH 100	Professional Ethics of Health Team Members	1
PTA 110	Kinesiology for PTA Students	3
PTA 111	Kinesiology Laboratory for PTA Students	2
First Year, Spring Semester:		
PTA 120	Beginning Procedures - Physical Therapy Modalities and Procedures	3.5
PTA 121	Disorders I - Selected Disorders Commonly Seen in Physical Therapy	3
Summer Session:		
AH 106	Communication for Allied Health Careers	2
PTA 122	Introduction to Clinical Practice	3
PTA 130	Intermediate Procedures, Physical Therapy Modalities and Procedures	1
Second Year, Fall Semester:		
PTA 140	Therapeutic Exercise - Exercise Programs, Protocols and Procedures	3
PTA 141	Disorders II - Nervous System Disorders	2
PTA 142	Clinical Practicum I	4.5
Second Year, Spring Semester:		
PTA 150	Functional Activities & Gait - Activities of Daily Living and Gait Training Techniques	3
PTA 151	Advanced Procedures-Advanced Modalities and Treatment Procedures	1
PTA 152	Clinical Practicum II	4.5
PTA 153	Professional Issues in Physical Therapy	1
General Education Courses:		
NUTRI 300	Nutrition (3)	3
or NUTRI 480	Nutrition Honors (3)	
or HEED 300	Health Science (3)	
PSYC 370	Human Development: A Life Span (3)	3
or FCS 324	Human Development: A Life Span (3)	
SOC 300	Introductory Sociology (3)	3
or SOC 480	Introductory Sociology - Honors (3)	
or ANTH 310	Cultural Anthropology (3)	
or ANTH 481	Honors Cultural Anthropology (3)	
Total Units:		61 - 62

The Physical Therapist Assistant Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Enrollment in the Physical Therapist Assistant program is based on completion of prerequisite courses. Grades of "C" or better and a minimum cumulative GPA of 3.0 are required in the prerequisite courses. Credit earned for courses taken as Pass/No Pass will be calculated into the GPA as "C" grades. Applicants must submit applications online and official transcripts to the Office of Admissions & Records. Approximately 30 students are enrolled in the program annually. Prerequisite courses include:
- PTA 100 (Introduction to Physical Therapist Assistant) with a grade of "C" or better
- BIOL 430 and 431 (Anatomy and Physiology), or equivalent courses, with grades of "C" or better within 10 years. If students have completed all other prerequisites, but have BIOL 431 (or equivalent) in progress at the time of application, they will be considered eligible, pending receipt of final grade report.
- ENGWR 300 (College Composition) or ENGWR 488 (Honors College Composition and Research) or ESLW 340 (Advanced Composition) with a grade of "C" or better

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Students apply for enrollment to the Physical Therapist Assistant program during each spring semester for entry in the following fall semester. Students wishing to apply for enrollment must submit an online application to the PTA program during the application period. The application form and the dates of the application period can be accessed via the PTA program website at <http://www.scc.losrios.edu/pta>.

- In the event there are more applicants than spaces available, students who meet the enrollment eligibility requirements will be entered into a random selection pool.
- Students accepted for enrollment in the Physical Therapist Assistant program will be required to provide documentation of a) capability to perform essential job-related functions of a physical therapist assistant; b) completed physical examination and immunizations; c) TB test; d) current professional level CPR certification; e) first aid certification, f) blood-borne pathogen certification, and g) HIPAA training certification. Prior to assignment to a clinical experience, students will be required to undergo a criminal background check and an 8-panel drug screen test.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- perform the duties of a physical therapist assistant in a safe manner that minimizes risk to patients, self, and others.
- demonstrate professional behavior.
- practice under the supervision of a physical therapist in a manner consistent with legal standards, ethical guidelines, and standards of the profession.
- perform interventions of therapeutic exercise, therapeutic techniques, physical agents, mechanical modalities, electrotherapeutic modalities, and functional training in a competent manner consistent with the plan of care established by the physical therapist.
- gather data effectively to measure and report patient response to treatment.
- demonstrate clinical problem-solving skills.
- demonstrate effective verbal and non-verbal communication with patients, family, staff, other health care providers, and members of the community.
- adapt delivery of care with recognition and respect for individual differences within the plan of care established by the physical therapist.
- produce quality documentation in a timely manner to support the delivery of physical therapy services, and that adheres to standards of state practice acts, the practice setting, and other regulatory agencies.
- use resources effectively for the efficient delivery of physical therapy services.
- demonstrate preparation for employment in a variety of settings to meet the health care resource needs of the community.
- assess own performance and engage in self-directed learning activities to enhance clinical performance.

Career Information

This program prepares the student for employment as a physical therapist assistant. Physical therapist assistants work under the supervision of physical therapists in a wide variety of health care settings. These include hospitals, rehabilitation centers, private practices, and skilled nursing and extended care facilities. Physical therapist assistants treat clients with mobility, strength, and coordination disorders in order to improve function, decrease pain, and increase independence. Physical therapist assistants perform interventions that include therapeutic exercise, therapeutic techniques, physical agents, and mechanical and electrotherapeutic modalities. They assist patients in performing transfers, ambulation, and other types of functional activities. Physical therapist assistants collect and document data in order to assess whether patients are progressing appropriately within the plan of care determined by the physical therapist.

Physical Therapist Assistant (PTA)

PTA 100 Introduction to Physical Therapist Assistant

Units:	1.5
Hours:	27 hours LEC
Prerequisite:	None.
Advisory:	ENGWR 300 or ESLW 340 with a grade of "C" or better
Catalog Date:	June 1, 2020

This course provides an introduction to the field of physical therapy and the role of the physical therapist assistant within the health care delivery system. Definitions of physical therapy, history and development of the profession, and the diverse types of clinical practice and employment settings are explored. The mission and goals of the professional organization, standards of practice, laws and regulations, and licensure requirements are introduced. Students observe examples of physical therapy practice using on-line media resources and submit a written report.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- define physical therapy practice.
- describe the history and development of the field of physical therapy, including current trends.
- compare and contrast the diverse types of clinical practice and employment settings within the field of physical therapy.
- compare and contrast education and practice of the physical therapist (PT), the physical therapist assistant (PTA), and the physical therapist aide.
- demonstrate knowledge of selected state and federal laws, standards of practice, professional values, and licensure requirements related to physical therapy practice.
- describe the responsibilities of the physical therapist assistant, to include: data collection, implementation of the treatment plan, documentation, verbal and non-verbal communication, administrative and non-patient care tasks, professional behavior, judgment, and problem-solving.
- demonstrate knowledge of the role of the physical therapist assistant in regard to working as a health team member under the supervision of a physical therapist in an ethical, legal, safe, and effective manner.
- describe psychosocial, economic, legislative, and demographic factors that may influence the delivery of health care, including physical therapy.
- discuss the mission and goals of the American Physical Therapy Association.
- compare and contrast varied examples of physical therapy practice using on-line media resources.
- prepare a written report integrating information from class discussion, independent readings, and on-line media observations of physical therapy practice.
- evaluate the suitability of physical therapy as an individual career choice.

PTA 110 Kinesiology for PTA Students

Units:	3
Hours:	54 hours LEC
Prerequisite:	See enrollment limitations.
Enrollment Limitation:	Enrollment into the Physical Therapist Assistant Program and completion of PTA 100, BIOL 430 & 431, and ENGWR 300 (or ESLW 340) with grades of "C" or better, and a cumulative GPA of 3.0 in these courses. Completion of ENGRD 110 with a grade of "C" or better (or eligibility for ENGRD 310, as determined by the reading assessment process) for all applicants who do not have an A.A. Degree or higher.
Advisory:	AH 110 and LIBR 318 with grades of "C" or better
Catalog Date:	June 1, 2020

This course involves developing and utilizing knowledge of the skeletal, articular, muscular, and nervous systems to analyze human posture and movement. Components of joint structure and function, muscle action, balance mechanisms, and sensory influence are applied to analysis of spinal and extremity motions, as well as common functional activities. Kinesiological principles are presented as they apply to the practice of physical therapy and the roles and responsibilities of the physical therapist assistant. A paper and project are required.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- apply appropriate terminology relating to positions and movements of the human body.
- demonstrate working knowledge of joint structure, muscle attachments and actions, and innervations of major muscles.
- apply biomechanical concepts such as the laws of motion, force, friction, effect of gravity, levers, pulleys, and mechanical advantage to the study of human posture and movement, body mechanics, and physical therapy procedures.
- describe the normal spinal curves.
- describe biomechanical implications of postural variations and recognize common postural deviations.
- describe chest wall expansion and excursion during respiration.
- explain normal righting and equilibrium reactions.
- recognize components of normal and impaired balance.
- analyze movement of the spine and extremities by applying knowledge of the skeletal, articular, muscular, and nervous systems.
- relate kinesiological concepts to their relevance in physical therapy clinical activities such as palpation, goniometry, muscle testing, and body mechanics instruction.
- integrate knowledge of musculoskeletal factors; postural mechanisms; balance, righting, and equilibrium reactions; and sensory/proprioceptive status in developing a holistic understanding of factors contributing to movement disorders.
- recognize the appropriate roles and responsibilities of the physical therapist assistant in utilizing knowledge of kinesiology in implementation of the comprehensive treatment plan developed by the supervising physical therapist.
- identify basic concepts in professional literature, including validity, reliability, and statistical significance.
- analyze the components of gait, and recognize normal and abnormal gait.
- prepare a written report and project that demonstrates the ability to locate and utilize resources in the professional literature and carry out self-directed learning.

PTA 111 Kinesiology Laboratory for PTA Students

Units:	2
Hours:	108 hours LAB
Prerequisite:	See enrollment limitations.
Corequisite:	PTA 110
Enrollment Limitation:	Enrollment into the Physical Therapist Assistant Program and completion of PTA 100, BIOL 430 & 431, and ENGWR 300 (or ESLW 340) with grades of "C" or better, and a cumulative GPA of 3.0 in these courses. Completion of ENGRD 110 with a grade of "C" or better (or eligibility for ENGRD 310, as determined by the reading assessment process) for all applicants who do not have an A.A. Degree or higher.
Catalog Date:	June 1, 2020

This course utilizes a problem solving approach to analysis of human movement emphasizing application of kinesiological principles to the field of physical therapy and the role of the physical therapist assistant. Students practice procedures for performing and recording results of palpation, goniometry, tests for flexibility/muscle length, body dimensions, muscle performance, sensation, coordination, balance, and analysis of posture and gait. Physical therapy procedures such as range of motion, positioning and draping, and body mechanics are introduced. Students practice skills and activities with each other in a laboratory setting under instructor supervision. A project and class presentation are required.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate professional behavior and safety; adhere to standard precautions for infection control in the classroom laboratory setting.
- demonstrate the ability to locate muscles, tendons, and bony prominences by palpation; observe the presence or absence of muscle mass.
- perform the following data collection skills, which may be delegated by a supervising physical therapist to identify a patient's status: goniometry, functional range of motion, tests for flexibility/muscle length, body dimensions (height, weight, girth, length), muscle performance (selected manual muscle tests), resting posture in any position, coordination assessment, sensory assessment, analysis of posture and gait, chest expansion.
- demonstrate application of principles of positioning and draping of patients and body mechanics.
- demonstrate knowledge of the rationale and effectiveness of physical therapy interventions such as data collection, range of motion, positioning, draping, and body mechanics.
- analyze segmental motions and selected exercises and functional activities, with respect to goniometric data, flexibility/muscle length, and muscle function; recognize normal and abnormal joint motion
- analyze and demonstrate the influence of biomechanical concepts such as laws of motion, force, friction, effect of gravity, levers, pulleys, and mechanical advantage on human posture and movement, body mechanics, and physical therapy procedures.
- differentiate movement in relation to open and closed chains; active and passive insufficiency; and concentric, eccentric, and isometric contractions.

- describe positions of the normal developmental sequence continuum and relate how they influence posture, mobility, and transitional movements.
- interview patients, clients, caregivers, and family to obtain to obtain current information related to prior and current level of function and general health status.
- administer standard balance tests as part of the assessment of patient function.
- identify basic concepts in professional literature, including validity, reliability, and statistical significance.
- prepare a project related to movement analysis that reflects incorporation of information from the professional literature and ability to carry out self-directed learning.
- demonstrate the ability to educate others effectively through presentation of a movement analysis project to the class.
- demonstrate beginning ability to carry out the roles and responsibilities of the physical therapist assistant in implementation of the following elements of the comprehensive plan of care: a) interpretation of the physical therapist's evaluation and plan of care; b) documentation of results of data collection procedures such as goniometric measurements and tests of muscle function; c) implementation of interventions such as range of motion, positioning, draping, and body mechanics to achieve the outcomes identified in the plan of care, including monitoring the patient response and responding accordingly; d) communication with patients and the supervising physical therapist; e) utilization of data to determine a patient's progress toward short- and long-term goals as established in the plan of care.

PTA 120 Beginning Procedures - Physical Therapy Modalities and Procedures

Units:	3.5
Hours:	45 hours LEC; 54 hours LAB
Prerequisite:	PTA 110 and 111 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program
Catalog Date:	June 1, 2020

This course introduces the theory and application of physical therapy modalities and procedures to include thermal agents, hydrotherapy, external compression, wound management, transfers and gait training, wheelchair fitting and mobility, and utilization of infection control procedures. Students develop skills in gathering data regarding vital signs, functional ability in gait and transfers, pain status, and integumentary integrity. Documentation procedures, including use of medical abbreviations and terminology, are practiced. Through laboratory activities and problem-solving with case studies, students develop skills in utilizing modalities and procedures in comprehensive implementation of the physical therapy plan of care. Class activities may include a field trip.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate the ability to appropriately utilize infection control procedures to include standard and transmission-based precautions, isolation technique, clean/sterile technique.
- perform the following data collection skills to identify a patient's status: vital signs, identification of cyanosis, level of functional ability in gait and transfers, fit of wheelchair, pain status, integumentary integrity (normal and abnormal integumentary changes, viable and nonviable tissue), edema (girth).
- demonstrate knowledge of the function and implications and related precautions of intravenous lines, tubes, catheters, and monitoring devices.
- demonstrate knowledge of the rationale and effectiveness of thermal and athermal modalities, hydrotherapy, external compression, wound management, transfers, gait training, wheelchair mobility, infection control procedures.
- discuss basic theory of thermal and athermal modalities to include types, purpose, depth of penetration, physiological effects, dosage, and duration.
- differentiate indications, contraindications, and precautions for treatment modalities and procedures including identification of precautions for dressing removal.
- implement the following interventions, which may be delegated within the plan of care established by a physical therapist: bed mobility; gait and transfers; wheelchair mobility; superficial and deep thermal modalities (hot pack, paraffin, continuous ultrasound, cryotherapy); athermal modalities (pulsed ultrasound); external compression; hydrotherapy; wound care and skin management; application and removal of dressings; positioning to decrease pain or skin trauma.
- recognize normal and abnormal responses to treatment modalities and procedures, including signs and symptoms that indicate that interventions should be modified, terminated, or not provided due to changing clinical conditions and determine how these signs and symptoms should be communicated to the supervising physical therapist or other medical staff.
- apply knowledge of safety, body mechanics, and positioning and draping patients to implementation of physical therapy modalities and procedures.
- demonstrate skill in interpreting information from the medical and physical therapy record and producing documentation that is clear, accurate, and adheres to standards of state practice acts, the practice setting, and other regulatory agencies.
- demonstrate knowledge of appropriate responses to unanticipated or emergency situations.
- interview patients, clients, caregivers, and family to obtain to obtain current information related to prior and current level of function and general health status.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.
- identify and perform standardized tests for levels of independence and functional abilities.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.

PTA 121 Disorders I - Selected Disorders Commonly Seen in Physical Therapy

Units:	3
Hours:	54 hours LEC
Prerequisite:	PTA 110 and 111 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course is designed as an overview of musculoskeletal, cardiovascular, respiratory, renal, endocrine, immune, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, lymphatic, and integumentary disorders relevant to the practice of physical therapy. Additional topics include: infectious disease, genetic disorders, neoplasms, peripheral nerve injury, and the effect of developmental, psychosocial, and cultural factors. Etiology, signs and symptoms, prognosis, and medical/surgical interventions for disorders are surveyed. Approaches to data collection and physical therapy interventions are introduced. Emphasis is placed on utilization of knowledge of medical disorders by physical therapist assistants within the context of implementing a comprehensive plan of care.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- compare and contrast etiology, signs, symptoms, prognosis, and medical/surgical treatment of selected disorders relevant to the practice of physical therapy to include: cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems.
- explain the theory and purpose of standard precautions for infection control and apply knowledge of standard precautions to case examples.
- recognize standard and special tests used in physical therapy assessment of musculoskeletal and general medical disorders.
- describe effects of developmental, psychosocial, and cultural factors on the incidence, assessment, and treatment of musculoskeletal and general medical disorders.
- discuss the process of tissue repair and healing and the effect of aging on body systems.
- recognize appropriate physical therapy interventions for patients with musculoskeletal and general medical disorders in acute, subacute, and chronic stages.
- discuss the rationale and effectiveness of physical therapy interventions used in the treatment of patients with musculoskeletal and general medical disorders.
- differentiate normal and abnormal responses to physical therapy interventions and demonstrate how data collection and communication are utilized by physical therapist assistants to participate in determining a patient's progress toward specific outcomes as established in the plan of care by the physical therapist.
- recognize activities that aggravate or relieve conditions such as pain, dyspnea, edema.
- recognize critical signs and symptoms that indicate that interventions should be modified, terminated, or not provided due to changing clinical conditions (pain, abnormal vital signs, oxygen saturation, dyspnea, cyanosis, blood glucose levels, edema, selected lab values) and determine how these signs and symptoms should be communicated to the supervising physical therapist or other medical staff.
- demonstrate beginning competence in applying knowledge of disorders by: a) interpreting the physical therapist's evaluation of the patient, b) interpreting information in the medical record, and c) recognizing the physical therapist assistant's role in implementing a comprehensive treatment plan under the supervision of a physical therapist.
- relate knowledge of medical disorders to clinical practice through preparation of written case studies.
- prepare a written report that demonstrates the ability to find, select, and integrate resources from the professional literature relevant to a clinical disorder.

PTA 122 Introduction to Clinical Practice

Units:	3
Hours:	18 hours LEC; 112 hours LAB
Prerequisite:	PTA 120, 121, and 130 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course provides students with the initial opportunity to observe physical therapy practice and perform selected delegated responsibilities with guidance, direction, and supervision. Students complete 112 hours in an assigned clinical setting. Assignments are determined by the program faculty and may be in acute, sub-acute, outpatient, skilled nursing and rehabilitation, or other type of physical therapy practice. Seminar, individual meeting, and online discussion topics include orientation to the clinical practice setting, discussion of clinical experiences and clinical practice issues, and self-assessment of performance. The course is graded on a Pass/No Pass basis.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate professional behavior.
- observe and assist with performance of selected data collection and demonstrate an understanding of how data collection is used to monitor patient status and progress toward short-term and long-term goals established in the plan of care.
- observe and assist with performance of patient interventions to achieve the short-term and long-term goals identified in the plan of care.
- communicate in ways that are congruent with situational needs.
- adhere to OSHA workplace safety guidelines, HIPAA confidentiality standards, and standard precautions.
- recognize one's individual learning style and its application to the clinical experience.
- describe the roles and responsibilities of the student, the clinical instructor, the clinic coordinator of clinical education and the director of clinical education.
- provide substantive contributions to discussions about clinical experiences and professional issues related to physical therapy practice.
- recognize developmental, psychosocial, cultural, and economic factors which may impact implementation of the physical therapy treatment plan.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- apply knowledge of laws and regulations, the Guide for Conduct of the Physical Therapist Assistant and the Standards of Ethical Conduct for the Physical Therapist Assistant to experiences in the clinical setting.
- perform self-assessment of strengths and limitations and develop plans to improve knowledge, skills, and behaviors.
- demonstrate beginning skill in locating resources in the physical therapy professional literature.
- participate in the provision of patient-centered inter-professional collaborative care.

PTA 130 Intermediate Procedures, Physical Therapy Modalities and Procedures

Units:	1
Hours:	9 hours LEC; 27 hours LAB
Prerequisite:	PTA 120 and 121 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program
Catalog Date:	June 1, 2020

This course introduces theory and application of traction and electrotherapeutic modalities utilized by physical therapist assistants. Topics include the use of traction for pain relief and tissue healing, as well as electrical stimulation for pain management, muscle re-education, and tissue healing. Through case-based learning activities students integrate skills in data collection, traction, electrotherapeutic modalities, and other interventions for implementation of a comprehensive physical therapy plan of care.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate knowledge of the rationale, procedures, therapeutic effects, and effectiveness of traction.
- recognize activities, positions, and postures that aggravate or relieve pain or altered sensations.
- explain the basic principles of electricity and the electromagnetic spectrum.
- discuss basic theory of the following electrotherapeutic modalities to include rationale, intensity, duration, and effectiveness: electrical stimulation, iontophoresis, phonophoresis, diathermy, infrared, ultraviolet, laser light therapy.
- compare and contrast electrotherapeutic modalities and parameters appropriate for pain management, muscle re-education, and tissue healing.
- describe indications, precautions, and contraindications for traction and electrotherapeutic modalities.
- outline theories of pain and mechanisms of pain suppression using electrotherapeutic modalities.
- demonstrate safe and accurate application of the following electrotherapeutic modalities: transcutaneous electrical nerve stimulation (TENS), interferential current (IFC), neuromuscular electrical stimulation (NMES), and Hi-Volt current.
- apply data collection techniques of goniometry, muscle performance, pain, skin integrity, and sensation to implementation of interventions involving electrotherapeutic modalities.
- differentiate normal and abnormal responses to traction and electrotherapeutic modalities, including signs and symptoms that indicate that interventions should be terminated, modified or not provided, due to changing clinical conditions.
- choose appropriate responses to unanticipated or emergency situations involving traction and electrotherapeutic modalities.
- interview patients, clients, caregivers, and family to obtain to obtain current information related to prior and current level of function and general health status.
- demonstrate preparedness for clinical education through implementation of the physical therapy plan of care to include: a) interpretation of the physical therapist's evaluation and plan of care; b) performance and documentation of delegated data collection procedures to obtain subjective and objective information; c) implementation of delegated modalities and procedures to achieve the outcomes identified in the plan of care, including monitoring the patient response and responding accordingly; d) communication with the patient, supervising physical therapist, families, and other health care providers; e) modification of the approach to treatment within the plan or initiation of clarification of the plan with the physical therapist; f) education of patients and care-givers; g) determination of a patient's progress toward specific short and long term goals as established in the plan of care and participation in discharge planning.
- complete accurate documentation that follows guidelines and specific documentation formats required by state practice acts, the practice setting, and other regulatory agencies.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.

PTA 140 Therapeutic Exercise - Exercise Programs, Protocols and Procedures

Units:	3
Hours:	36 hours LEC; 54 hours LAB
Prerequisite:	PTA 122 and 130 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course presents the basic principles of therapeutic exercise and implementation of therapeutic exercise procedures in physical therapy. Approaches to improve range of motion, strength, muscular endurance, balance, coordination, and functional limitations are included. Theories of motor control and motor learning are introduced. Knowledge of kinesiology, medical disorders, and documentation is integrated as students apply therapeutic exercise principles to case-based learning activities that emphasize the role of the physical therapist assistant in implementing a comprehensive physical therapy plan of care. Class activities may include a field trip.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- identify and demonstrate exercises commonly used in physical therapy; demonstrate ability to modify exercises, instruct patients effectively, and correct form.
- demonstrate knowledge of the evidence-based rationale for therapeutic exercise procedures along with precautions and contraindications.
- describe principles of motor control and motor learning and their application to therapeutic exercise.
- demonstrate data collection procedures such as: interview of patients, family members, and caregivers; goniometry; muscle performance (strength, power, endurance); assessment of muscle tone, posture, balance, and neuromuscular control within the context of implementing a comprehensive plan of care.
- generate exercise progressions for balance and coordination, conditioning and reconditioning, range of motion, stretching, and strengthening; apply knowledge of kinesiology and medical disorders to development of exercise progressions.
- demonstrate beginning skill in application of developmental activities and neuro-developmental approaches to treatment.
- demonstrate how knowledge of environmental barriers and ergonomic principles applies to patient education and implementation of therapeutic exercise programs.
- apply principles of training in posture awareness and alignment, self-care and home management, work integration or reintegration, and selection and application of devices and equipment to the implementation of therapeutic exercise procedures.
- differentiate normal and abnormal responses to therapeutic exercise; respond appropriately to unanticipated or emergency situations.
- apply principles of effective teaching and learning to therapeutic exercise, including planning and implementing group exercise classes.
- recognize developmental, psychosocial, and cultural differences that may necessitate adaptations in the approach to patient and family interaction and education.
- produce documentation that is clear, accurate, and adheres to standards of state practice acts, the practice setting, and other regulatory agencies.
- integrate and apply information from the professional literature and therapeutic exercise principles to development of a video-based demonstration of skills, and assess own performance.
- use the International Classification of Functioning, Disability, and Health to describe a patient's/client's impairments, activity, and participation limitations.

- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- demonstrate novice-level competence in implementation of the physical therapy plan of care to include: a) interpretation of the physical therapist's evaluation of the patient and critical information from the medical record; b) performance and documentation of delegated data collection procedures to obtain subjective and objective information; c) implementation of therapeutic exercise to achieve the outcomes identified in the plan of care, including monitoring the patient response and responding accordingly, and reporting changes to the supervising physical therapist; d) communication with the patient, supervising physical therapist, families, and other health care providers; e) modification of the approach to treatment within the plan or initiation of clarification of the plan with the physical therapist; f) education of patients, care-givers, and other health care providers; g) determination of a patient's progress toward specific short and long term goals as established in the plan of care and participation in discharge planning.

PTA 141 Disorders II - Nervous System Disorders

Units:	2
Hours:	36 hours LEC
Prerequisite:	PTA 122 and 130 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course is designed as an overview of central and peripheral nervous system disorders relevant to the practice of physical therapy. Etiology, signs and symptoms, prognosis, and medical/surgical interventions are surveyed. Approaches to physical therapy data collection and interventions are introduced. Emphasis is placed on utilization of knowledge of medical disorders by physical therapist assistants within the context of implementing a comprehensive plan of care.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- compare and contrast etiology, signs, symptoms, prognosis, and medical/surgical treatment of central and peripheral nervous system disorders relevant to the practice of physical therapy.
- describe, explain the purpose of, and apply standard procedures for physical therapy assessment of: a) arousal, mentation, and cognition; b) cranial nerve integrity (visual and auditory); c) sensory integrity; d) perception.
- identify and differentiate the following characteristics of motor function and movement behavior observed in patients with neurological disorders: variations in muscle tone and mass, strength, movement patterns, recruitment, abnormal reflexes and responses.
- describe effects of developmental, psychosocial, and cultural factors on the incidence, assessment, and treatment of nervous system disorders.
- describe physical therapy procedures commonly used in treatment of patients with nervous system disorders.
- discuss the rationale and effectiveness of physical therapy treatment procedures used in the treatment of patients with nervous system disorders.
- recognize signs and symptoms that indicate that interventions should be modified, terminated, or not provided due to changing clinical conditions and determine how these signs and symptoms should be communicated to the supervising physical therapist or other medical staff.
- synthesize knowledge of central and peripheral nervous system disorders through problem-solving and case studies, within the context of the physical therapist assistant implementing a comprehensive plan of care under the supervision of a physical therapist.
- demonstrate novice-level competence in applying knowledge of nervous system disorders to: a) interpreting the physical therapist's evaluation of the patient, b) interpreting critical information in the medical record, and c) recognizing the physical therapist assistant's role in implementing a comprehensive plan of care under the supervision of a physical therapist.
- demonstrate competence in locating and prioritizing resources in the professional literature and integrating the information into a scholarly paper and/or presentation relevant to a clinical problem in neurologic physical therapy.

PTA 142 Clinical Practicum I

Units:	4.5
Hours:	243 hours LAB
Prerequisite:	AH 100, AH 106, PTA 140, and PTA 141 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course provides students with the opportunity to perform supervised delegated patient care responsibilities in a physical therapy clinical setting. Students complete a clinical practicum of six weeks (40 hours per week) at a facility assigned by the program faculty. The placement may be in an acute, sub-acute, out-patient, skilled nursing and rehabilitation, or other type of physical therapy practice. Additionally, weekly on-line discussion board participation is required. The course is graded on a Pass/No Pass basis.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- perform in a safe manner that minimizes risk to patients, self, and others.
- demonstrate professional behavior.
- perform under the supervision of a physical therapist in a manner consistent with legal standards, ethical guidelines, and standards of the profession.
- perform therapeutic exercises and therapeutic soft tissue techniques in a competent manner.
- apply integumentary repair/protection techniques in a competent manner.
- apply physical agents and mechanical modalities in a competent manner.
- demonstrate effective verbal and non-verbal communication with patients, family, staff, other health care providers, and members of the community.
- adapt delivery of physical therapy services with consideration for patients' differences, within the plan of care established by the physical therapist.
- gather data to determine progress toward goals.
- interview patients, clients, caregivers, and family to obtain current information related to prior and current level of function and general health status.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.

- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- complete accurate documentation that follows guidelines and specific documentation formats required by state practice acts, the practice setting, and other regulatory agencies.
- respond effectively to patient/client and environmental emergencies that commonly occur in the clinical setting.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.
- participate in the provision of patient-centered inter-professional collaborative care.
- assess own performance and engage in self-directed learning activities to enhance clinical performance.

PTA 150 Functional Activities & Gait - Activities of Daily Living and Gait Training Techniques

Units:	3
Hours:	36 hours LEC; 54 hours LAB
Prerequisite:	PTA 140, 141, and 142 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course presents the application of functional exercise and gait activities, with emphasis on the physical therapist assistant's role in comprehensive treatment of patients with cardiopulmonary disorders, adult or pediatric neurological disorders, and amputation. Data collection activities related to assessing cardiopulmonary status, functional abilities, gait, equipment and assistive devices, and home and community environment are included. Students practice implementation of interventions to include aerobic exercise principles, endurance training for patients with cardio-pulmonary disorders, pulmonary hygiene techniques, functional activities and gait, activities of daily living, developmental activities, management of prosthetics and orthotics, management of wheelchairs and other equipment, and client/family education.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- apply knowledge of orthopedic, neurological, cardiopulmonary, and general medical disorders to the implementation of interventions involving functional activities and gait.
- identify common amputation causes and sites and discuss residual limb care.
- differentiate the uses for a variety of prosthetic and orthotic devices.
- describe normal neuromotor development that includes gross and fine motor milestones and reflex development.
- perform the following data collection skills: vital signs; identification of cyanosis; breathing patterns at rest and with activity; chest wall expansion and excursion; response to positional changes and activities; cough and sputum characteristics; alignment of trunk and extremities at rest and during activities; ability to safely use and care for assistive, supportive, and prosthetic devices; changes in skin condition while using devices and equipment; level of functional skills; safety, status, and progression of patients during locomotion, gait, balance, and wheelchair mobility.
- implement the following physical therapy interventions: pulmonary hygiene techniques, aerobic exercise, endurance training for patients with cardio-pulmonary disorders, activities of daily living, functional training with assistive/adaptive devices, body mechanics during functional training, developmental activities, gait training, management of prosthetics and orthotics, wheelchair management skills, client/family education.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- demonstrate near entry-level competence in implementation of the physical therapy plan of care to include: a) interpretation of the physical therapist's evaluation and plan of care; b) performance and documentation of delegated data collection procedures to obtain subjective and objective information; c) implementation of delegated procedures to achieve the outcomes identified in the plan of care, including monitoring the patient response and responding accordingly; d) communication with the patient, supervising physical therapist, families, and other health care providers; e) modification of the approach to treatment within the plan or initiation of clarification of the plan with the physical therapist; f) education of patients and care-givers; g) determination of a patient's progress toward specific short and long term goals as established in the plan of care and participation in discharge planning.
- respond effectively to patient/client and environmental emergencies that commonly occur in the clinical setting.
- recognize developmental, psychosocial, and cultural differences that may necessitate adaptations in the approach to patient and family interaction and education.
- perform and document a home/environmental assessment: inspect the physical environment and measure physical space; identify safety and barriers in home, community, and work environments; identify possible equipment needs; administer questionnaires about home environment.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.
- interview patients, clients, caregivers, and family to obtain to obtain current information related to prior and current level of function and general health status.
- incorporate principles of neuromotor development in movement analysis and in development of therapeutic exercise progressions.
- complete accurate documentation that follows guidelines and specific documentation formats required by state practice acts, the practice setting, and other regulatory agencies.

PTA 151 Advanced Procedures-Advanced Modalities and Treatment Procedures

Units:	1
Hours:	9 hours LEC; 27 hours LAB
Prerequisite:	PTA 140, 141, and 142 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course introduces the theory and application of massage, soft tissue mobilization techniques, and biofeedback by physical therapist assistants. Through laboratory practice and case-based learning activities, students develop skills in utilizing these modalities and procedures in comprehensive implementation of the physical therapy plan of care.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate knowledge of the rationale, procedures, therapeutic effects, and effectiveness of the following physical therapy interventions: therapeutic massage and soft tissue mobilization techniques, peripheral joint mobilization, and selected biofeedback procedures.
- safely and accurately administer the following physical therapy treatment interventions: therapeutic massage and selected soft tissue techniques for upper extremities, lower extremities, face, neck, and spine; surface EMG biofeedback.
- describe specialized approaches to soft tissue mobilization such as lymphatic drainage massage and instrument-assisted soft tissue mobilization.
- recognize activities, positions, and postures that aggravate or relieve pain or altered sensations.
- differentiate indications, precautions, contraindications, and normal and abnormal responses to treatment in regard to massage, soft tissue mobilization, and selected biofeedback procedures.
- define and discuss the physical therapy relevance of the medical tests of electrodiagnosis and electromyography.
- describe procedures for assessment of edematous extremities (limb volume and girth); recall and demonstrate procedures for goniometry, assessment of flexibility/muscle length, muscle performance, and pain.
- respond effectively to patient/client and environmental emergencies that commonly occur in the clinical setting.
- demonstrate preparedness for clinical education through the implementation of the physical therapy plan of care to include: a) interpretation of the physical therapist's evaluation and plan of care; b) performance and documentation of delegated data collection procedures to obtain subjective and objective information; c) implementation of delegated modalities and procedures to achieve the outcomes identified in the plan of care, including monitoring the patient response and changes in status and responding accordingly; d) communication with the patient, supervising physical therapist, families, and other health care providers; e) modification of the approach to treatment within the plan or initiation of clarification of the plan with the physical therapist; f) education of patients and care-givers; g) determination of a patient's progress toward specific short and long term goals as established in the plan of care and participation in discharge planning.
- interview patients, clients, caregivers, and family to obtain to obtain current information related to prior and current level of function and general health status.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- complete accurate documentation that follows guidelines and specific documentation formats required by state practice acts, the practice setting, and other regulatory agencies.

PTA 152 Clinical Practicum II

Units:	4.5
Hours:	243 hours LAB
Prerequisite:	PTA 150, 151, and 153 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course provides students with the opportunity to perform supervised delegated patient care in a physical therapy clinical setting. This is the final clinical assignment during the program. Students complete a clinical practicum of six weeks (40 hours per week) at a facility assigned by the program faculty. The placement may be in an acute, sub-acute, out-patient, skilled nursing and rehabilitation, or other type of physical therapy practice. This assignment will be at a facility which differs from previous clinical assignments. Additionally, weekly online discussion board participation is required. The course is graded on a Pass/No Pass basis.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- perform in a safe manner that minimizes risk to patients, self, and others.
- demonstrate professional behavior.
- perform under the supervision of a physical therapist in a manner consistent with established legal standards, ethical guidelines, and standards of the profession.
- perform therapeutic exercises, therapeutic soft tissue techniques, and airway clearance techniques in a competent manner.
- apply integumentary repair and protection techniques in a competent manner.
- apply physical agents, mechanical modalities, and electrotherapeutic modalities in a competent manner.
- perform functional training in self care and home management and application and adjustment of devices and equipment in a competent manner.
- demonstrate clinical problem solving.
- demonstrate effective verbal and non-verbal communication with patients, family, staff, other health care providers, and members of the community.
- adapt delivery of physical therapy services with consideration for patients' differences, within the plan of care established by the physical therapist.
- gather data to determine progress toward goals.
- interview patients, clients, caregivers, and family to obtain current information related to prior and current level of function and general health status.
- determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- complete accurate documentation that follows guidelines and specific documentation formats required by state practice acts, the practice setting, and other regulatory agencies.
- respond effectively to patient/client and environmental emergencies that commonly occur in the clinical setting.
- identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the supervising physical therapist.
- participate in the provision of patient-centered inter-professional collaborative care.
- assess own performance and engage in self-directed learning activities to enhance clinical performance.

PTA 153 Professional Issues in Physical Therapy

Units:	1
Hours:	18 hours LEC
Prerequisite:	PTA 140, 141, and 142 with grades of "C" or better
Enrollment Limitation:	Enrollment in the Physical Therapist Assistant Program.
Catalog Date:	June 1, 2020

This course addresses professional practice issues in physical therapy to include organizational structure, budget, time management, and social responsibility. Students review and integrate information on physical therapy practice and laws and regulations in preparation for the national examination and the California jurisprudence examination.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the roles and responsibilities of physical therapist assistants in the physical therapy delivery system.
- demonstrate knowledge of behaviors consistent with the Guide for Conduct of the Physical Therapist Assistant, the Standards of Ethical Conduct for the Physical Therapist Assistant, and the APTA's Values Based Behaviors for the Physical Therapist Assistant.
- demonstrate knowledge of applicable state and federal laws relating to physical therapy practice, and procedures for licensure.
- reflect on the value of participating in professional and community organizations that provide opportunities for volunteerism, advocacy, and leadership.
- identify career development and lifelong learning opportunities, including the role of the physical therapist assistant in the clinical education of physical therapist assistant students.
- describe quality assurance activities within the context of physical therapy care.
- describe aspects of organizational planning and operation of the physical therapy service.
- identify the requirements for providing accurate and timely information for billing and payment purposes.
- evaluate readiness for successful performance on the National Examination for Physical Therapist Assistants and the California Laws and Regulations Examination.

PTA 295 Independent Studies in Physical Therapist Assistant

Units:	1 - 3
Hours:	54 - 162 hours LAB
Prerequisite:	None.
Catalog Date:	June 1, 2020

This course involves an individual student or small groups of students in study, research, or activities beyond the scope of regularly offered courses, pursuant to an agreement among faculty and students.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate the ability to complete a structured independent investigation of a topic in the discipline.
- prepare a written report summarizing the results achieved from the independent study.

PTA 299 Experimental Offering in Physical Therapist Assistant

Units:	0.5 - 4
Prerequisite:	None.
Catalog Date:	June 1, 2020

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