
Physical Therapy Aide Program Courses

PTA 100: HIPAA/OSHA/Infection Control

Students will learn about the Health Insurance Portability and Accountability Act (HIPAA). This course will identify rights for individuals and the processes that health care providers must implement to support individual rights. Students must demonstrate knowledge of the rules for the use and disclosure of information. Students will learn about transmission of disease, hand washing techniques and gloving. This course will ensure that students are aware of biohazards and airborne pathogens, including infection control procedures and laboratory safety. Students must demonstrate infection control procedures and laboratory safety.

PTA 101: HIPAA

This course is an overview of the Health Insurance Portability and Accountability Act of 1996, Title II Administrative Simplification (HIPAA-AS). Topics to be covered include a background of HIPAA; overview of HIPAA-AS final rules; privacy, security, transaction standards, Red Flag rules and implementation solutions.

PTA 102: Overview of Anatomy, Physiology and Medical Terminology

Students will learn and identify basic structures, functions, and dysfunctions of the body, as well as medical terminology, abbreviations and symbols that are necessary tools for building a medical vocabulary. This course covers general treatment of the sensory, skeletal, and muscular, nervous, endocrine, digestive, respiratory, Circulatory, Urinary, and reproductive, and integumentary systems.

PTA 103: Anatomy & Physiology for Physical Therapy Technologist

Students will learn the structure and function of the human body with an emphasis on the musculoskeletal system, muscle origins, insertions, actions as they relate in the kinematic chain. Axial/Appendicular Skeleton are reviewed.

PTA 104: Pharmacology

Students will learn classification of drugs, their actions, side effects and/or adverse reactions. This course introduces sources and forms of drugs, drug classifications, drug effects on the body systems, and basic concept of administration and calculation of dosages.

PTA 105: Introduction to Physical Therapy Technology

Students will learn the history of physical therapy; define members of healthcare team, job duties and responsibilities, as well as professional conduct. Medical abbreviations and the structure of the components of words are also studied.

PTA 106: Physical Therapy Theory and Lab

Students will learn the rational and physiological interventions of modalities applied to soft tissue injuries in their various stages of repair. Ultrasound, electrical stimulations, various massage and therapeutic techniques, weight training, heat and cold applications accompanied by Range of Motion and Set ups are presented in lecture as well as hands on experience.

PTA 107: Psychology of Behavior Change and Life Span Development

This course is designed to cover diverse concepts associated with being a Physical Therapy Technician. These include but not limited to personality, behavior change, exercise adherence, motivational strategies, lifespan development and effective communication.

PTA 108: Nutrition Overall Wellness

This course covers the wellness and nutrition aspects to health and fitness. It is designed to provide the student with a sound wellness background so that their decisions may be made concerning all aspects of health and fitness. Additionally, specific wellness and nutritional techniques used to improve health and fitness performance are addressed.

PTA 109: Therapeutic Standards

Students will learn body mechanics, transfers, ambulation with assistive devices. Students will also learn draping techniques are discussed.

PTA 110: Medical Law & Ethics for Physical Therapy Technology

Students learn how ethical codes and the governing of the medical practice, how certification/licensure is granted and/or revoked, patient confidentiality and medical liability and negligence.

PTA 111: Pathophysiology for Physical Therapy Technologist

Students will learn diseases, disorders and deformities that are related to Physical Therapy, with an emphasis on neurological and musculoskeletal disorders. Treatment and Therapeutic procedures performed are also discussed.

PTA 112: Sports Injury Management

Students will learn various mechanisms associated with specific athletic injuries and the considerations for prevention. Assessment and rehabilitation are presented in particular body areas with consideration to soft tissue, neurological and bony complications. This course will also introduce students to understand the basic principles of kinesis-taping, ace wrapping and splinting.

PTA 113: Customer Service/Professionalism and Career Preparation

This course will teach the student about professionalism, including work-place behaviors that result in positive business relationships. Students will learn goal setting, stress-management, time-management, professional dress, etiquette, diversity in the workplace relationships, excellent customer service, communication at work, conflict management, job search skills, building resumes, and interview techniques.

PTA 114: Medical Terminology

This course subject presents a study of basic medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. A programmed learning, word building systems approach is used to learn word parts for constructing or analyzing new terms. This provides the opportunity to decipher unfamiliar terms and check their spelling. Emphasis is placed on spelling, definition, usage, and pronunciation. Abbreviations introduced as related terms are presented.