Physical Therapist Assistant (PTA)

Courses

PTA 1010. Introduction to Physical Therapy. 2 Hours.
This course introduces students to the field of physical therapy through the history and definition of the profession. Other topics include medical terminology and documentation. Health care for a diverse population begins its thread in this course. PTA 1010 is prerequisite to acceptance into the technical phase of the PTA program and is an open-enrollment course. Note: You are responsible for content/dates/announcements posted on Canvas. SP.

PTA 2000. Practice Issues. 2 Hours.
Discussions include the health care team, the rehabilitation-specific team, the roles and scopes of practice of the physical therapist and the physical therapist assistant, and the physical therapist/assistant interaction. Also covers the rehabilitation patient, communication in health care, patient care settings, reimbursement issues, the "Patient's Bill of Rights," and HIPAA. This course reviews the "Ethics & Jurisprudence" of physical therapist assistant practice. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2110. Kinesiology. 2 Hours.
Students develop competencies in identifying anatomical landmarks and symmetry, joint mechanics and function, posture, an introduction to gait, and neurological control. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2111. Fundamentals Physical Therapy. 2 Hours.
This course includes those fundamental skills required for successful patient treatment and care. Topics covered include patient draping and preparation, vital signs, body mechanics, bed mobility, transfers, gait training, wheelchair fitting and repair, tilt table, activities of daily living, architectural barriers, documentation, basic skills for patient/family education, safety, cultural sensitivity, and age related considerations. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA SP.

PTA 2210. Kinesiology Lab. 2 Hours.
Students develop competencies in identifying anatomical landmarks and symmetry, joint mechanics and function, posture, an introduction to gait, and neurological control. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2211. Fundamentals Physical Therapy Lab. 2 Hours.
This course includes those fundamental skills required for successful patient treatment and care. Topics covered include patient draping and preparation, bed mobility, transfers, gait training, wheelchair fitting and repair, tilt table, activities of daily living, architectural barriers, documentation, basic skills for patient/family education, safety, cultural sensitivity, and age related considerations. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2200. Physical Agents. 2 Hours.
Students develop competence in the correct application of therapeutic modalities including heat, cold, electrotherapy, intermittent compression, massage, traction, and ultrasound. Evidenced based practice and indications/contraindications are emphasized. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2201. Physical Agents Lab. 2 Hours.
Students develop competence in the correct application of therapeutic modalities including heat, cold, electrotherapy, intermittent compression, massage, traction, and ultrasound. Evidenced based practice and indications/contraindications are emphasized. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2210. Observation & Measurement. 2 Hours.
This is a course that covers the bases for recognizing movement and other dysfunctions and the tools used for problem solving in physical therapy. These include goniometry, manual muscle testing, posture, vital signs, sensation, gait and balance, etc. Students are instructed in the role and scope of the PTA in regard to these measures. Patient progress and accurate reporting to the physical therapist are emphasized. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA, SP.

PTA 2211. Observation & Measurement Lab. 2 Hours.
Students develop competence in the skills of measurements used in physical therapy. Students will become familiar with the use of goniometers, blood pressure cuffs, grip meters, and other tools of measurement. The skills of analyzing gait and posture will be included. Lab assessments will include the reporting of observable and measurable data and their significance to patient progress. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2300. Orthopedic Rehabilitation. 2 Hours.
This course includes development of therapeutic exercise and other treatment practices for patients with musculoskeletal pathologies. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2301. Orthopedic Rehabilitation Lab. 2 Hours.
Students practice and gain competence in the application of therapeutic exercise, the rationale for its use, safety principles involved in, and its application across the lifespan. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2400. Clinical Pathology. 2 Hours.
An overview of basic disease progression and classification with special emphasis in musculoskeletal and nervous system pathologies treated with physical therapy interventions. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.
PTA 2410. Special Clientele. 2 Hours.
Students are introduced to the therapeutic principles underlying the treatment of patients with burns, amputations, cardiopulmonary pathologies and considerations, women's health issues, and selected age-specific disorders. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2411. Special Clientele Lab. 1 Hour.
Students review anatomical and physiological aspects of the cardiopulmonary system and are introduced to the cardiac rehabilitation program. Orthotic and prosthetic devices are presented, rationale for their use, fitting, and adjustments are reviewed. Students will review physical therapy techniques for women's health, and age-related pathologies and practice appropriate techniques. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2520. Neuromuscular Rehabilitation. 2 Hours.
This course is intended to discover and develop a working knowledge of patients with neurological pathologies and their treatment. Age-related, injury, and disease processes are considered. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA, SP.

PTA 2521. Neuromuscular Rehabilitation Lab. 2 Hours.
Students are introduced to and develop competencies in the application of specific treatment procedures used with patients exhibiting neuromuscular pathologies. Treatment modifications, best practices, and current concepts are practiced. Lab fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. FA.

PTA 2605. Clinical Practicum. 4 Hours.
A three-week, full-time clinical experience in a physical therapy workplace setting. Students will have opportunities to apply the thinking processes and skills learned from previous courses. Supervision is provided by physical therapists and physical therapist assistants employed by the host facility. Course fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SU.

PTA 2705. Clinical Affiliation I. 6 Hours.
A six-week, full-time clinical experience in a physical therapy workplace setting. Students will have opportunities to apply the thinking processes and skills learned from previous courses. Supervision is provided by physical therapists and physical therapist assistants employed by the host facility. Course fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.

PTA 2805. Clinical Affiliation II. 6 Hours.
A six-week, full-time clinical experience in a physical therapy workplace setting. Students will have opportunities to apply the thinking processes and skills learned from previous courses. Supervision is provided by physical therapists and physical therapist assistants employed by the host facility. Course fee required. Prerequisite: Admission to the Dixie State University Physical Therapist Assistant program. SP.