

Terminal Clinical Education Student Competency Levels Based Upon Curriculum Completed

*Indicates Skill Check is required.

PTAT 2200 Introduction to Physical Therapy

- Physical Therapy Profession
 - APTA
 - Role of the PTA
 - PTA Direction Algorithm
 - PTA Supervision Algorithm
 - Leadership abilities
- Practice regulations
- APTA guidelines for the PTA
 - Standards of Ethical Conduct
 - Values-Based Behaviors
- Impairment, Functional limitation, and Disability
- Documentation skills
- Medical terminology

PTAT 2460 Patient Care Skills for the PTA

- Infection control*
- Sterile techniques*
- Bandaging techniques*
- Special Equipment
- Safety techniques*
- Vital sign assessment*
- Positioning and Draping techniques*
- Body mechanics*
- Transfer techniques*
- Assistive devices for gait, transfers*
- Wheelchairs
- Massage techniques*
- Goniometry, extremities* and spine

PTAT 2440 Biophysical Agents for the PTA

- Pain assessment
- Height, Weight, length and Girth assessment
- Physical agents
 - Superficial heat and cold – hot and cold packs*, paraffin, fluidotherapy, ice cup massage, contrast bath
 - Ultrasound*

- Electrical stimulation – HVPC, TENS*, NMES*, IONTO*, IFC*
- Electromagnetic radiation – diathermy, UV, infrared, laser, anodyne
- Compression – mechanical
- Hydrotherapy – whirlpools, pool therapy
- Traction – mechanical cervical* and lumbar*

PTAT 2410 Kinesiology for the PTA

- Muscle origins and insertions
- Osteokinematics and arthrokinematics
- Muscle testing*
- Palpation skills*
- Gait concepts
- Posture
- Peripheral nervous system
 - Dermatomes
 - Myotomes
 - The plexuses
 - Reflexes

PTAT 2370 Professional Development for the PTA

- Ethical principles
- APTA Guidelines
 - Standards of Ethical Conduct
 - Values-Based Behaviors for the PTA
 - Guide to Practice
- Dilemma resolution
- Communication
- Cultural competency
- Patient education principles
- Jurisprudence
- Time and stress management
- Utilization review and quality management
- Reimbursement
- Delegation
- Practice issues and venues
- Compliance
- Research
- Health and Wellness
- Spiritual, psychosocial

PTAT 2510 Musculoskeletal Conditions and Treatment for the PTA

- All orthopedic pathologies, adult and pediatric
- Therapeutic exercise
 - P/AA/AROM*
 - Stretching including PNF active inhibition*
 - Strengthening – manual* and mechanical*
 - Aerobic/endurance
 - Relaxation techniques
 - Stabilization
 - Joint mobilization (is discussed but skill checks are not performed)
 - Balance
 - NOTE: Not included here is PNF, NDT and other neurological techniques (covered in PTA 230)
- Special orthopedic protocols and procedures
- Special orthopedic assessments and tests
- Other orthopedic equipment – orthotics, CPM*, adaptive aides
- Pharmacology (limited)

PTAT 2520 Neurological Conditions and Treatment for the PTA

- All neurological pathologies (emphasis on CNS), adult and pediatric
- Therapeutic exercise
 - NDT*
 - Brunnstrum
 - PNF*
 - Rood/sensory integration
 - Developmental sequence
 - Balance
 - Vestibular
 - Coordination
 - Perceptual training
- Motor learning and development
- ADL training and needs
- Special neurological assessments and tests
- Functional testing
- Special equipment including intensive care equipment
- Pharmacology (limited)

PTAT 2530 Medical Surgical Conditions and Treatment for the PTA

- All medical surgical pathologies (emphasis on Cardiovascular, Pulmonary, Integumentary, and other systems including Digestive, Endocrine, Biliary, Metabolic, Reproductive) adult and pediatric
- Therapeutic exercise

- Breathing Exercises*
- Postural Drainage techniques*
- Coughing techniques*
- Buerger-Allen Exercises
- Gait with Prosthesis
- Cardiac Rehab
- Bariatric Rehab
- Geriatric Rehab
- Pelvic floor exercises
- Special medical surgical protocols and procedures
- Special medical surgical assessments and tests
 - Lab values
 - Fall risk assessment
 - BMI assessment
 - BORG
 - BG assessment
 - ABI assessment
 - Monofilament sensory testing
 - Fitness testing
 - Endurance testing
 - Special Equipment including intensive care unit
 - Pharmacology (limited)

PTAT 2280 Seminar for the PTA

(This is the capstone course designed for final NPTA preparation. Very little new content is included.)

- Tennessee Practice Act
- Licensure preparation
- Environmental assessment and standards
- Alternative therapies