CLINICAL FACILITY ORIENTATION MANUAL

UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER
DEPARTMENT OF PHYSICAL THERAPY

Marie Hatten PT, DPT, OCS
Director of Clinical Education
930 Madison Ave., Room 642
Memphis, TN 38163
901.448.5888

Jacque Bradford, PT, DPT, MS
Assistant Director of Clinical Education
930 Madison Ave., Room 640
Memphis, TN 38163
901.448.5888
Table of Contents

Introduction ........................................................................................................................... 3
Clinical Education Terminology .......................................................................................... 4
Privileges & Rights as a Clinical Instructor &/or Center Coordinator of Clinical Education..... 4
DPT Schedule and Curriculum............................................................................................. 5
Course Descriptions ........................................................................................................... 8
Policies and Procedures ...................................................................................................... 13
Course Syllabi ..................................................................................................................... 22
Forms ................................................................................................................................... 32
  • Student Information Form
  • First Week Form
  • CPI please refer to website: cpi2.amsapps.com/
  • Student Evaluation of Clinical Experience
  • Tests and Measures for Clinical Internship I
  • Tests and Measures for Clinical Internship II
  • Tests and Measures for Clinical Internship III, IV, and V
INTRODUCTION

Objectives of the DPT Program

The objective of the University of Tennessee Health Science Center (UTHSC) Department of Physical Therapy is to provide enrolled students with a quality education that requires accumulation of scientific knowledge, acquisition of essential physical therapy skills and the development of professional attitudes and behaviors. Therefore, the Doctor of Physical Therapy degree program is designed to:

1. provide knowledge and competence in promoting optimal human movement and function based on the biological, behavioral, physical and medical sciences
2. prepare leaders in the multifaceted roles of clinicians, educators, researchers, and administrators in individual, group, and community contexts
3. model and instill in students the values that promote professionalism and caring
4. facilitate student commitment to independent thinking and lifelong learning and to student realization of the intrinsic rewards of these attributes

Mission of the DPT Program

Consistent with the educational missions of the UTHSC, the overall mission of the Department of Physical Therapy is to (1) secure well-qualified students and educate them under a highly qualified faculty in environments conducive to preparation of the best possible physical therapists; (2) maintain an environment that encourages honesty, trust, and fairness; (3) promote personal growth, development, satisfaction and achievement for all students, faculty, and staff; (4) improve human health through education, research, and public service; and (5) provide excellence in health care for clients and keep pace with advances in health care delivery. The fulfillment of that mission is exemplified by graduates who are empathetic, skilled, and safe general practitioners of physical therapy and who exhibit an intrinsic motivation for continued learning.

Educational Programs

UTHSC has a three-year professional program, which follows four years of prerequisite coursework that has culminated in a baccalaureate degree. Graduates of the program are awarded the Doctor of Physical Therapy (DPT) degree.

For physical therapists who have completed their basic physical therapy education and wish to specialize in a specific area, post-professional programs are available. These programs are developed for those physical therapists who seek advanced knowledge and/or skill in clinical practice, education, management, and/or research. UTHSC has a post-professional master degree program (MSPT) and a doctor of science degree program (ScDPT) with concentrations of study in Musculoskeletal Sciences and Neurological Sciences.
CLINICAL EDUCATION TERMINOLOGY

DCE: Director of Clinical Education. The faculty member designated to coordinate and administer the clinical internship portion of the curriculum.

CCCE: Center Coordinator of Clinical Education. The individual designated by the clinical facility to coordinate and manage the student’s experience in their place of employment.

CI: Clinical Instructor. The individual that assumes the primary responsibility for the instruction and supervision of the student in the clinical setting. One year of clinical experience is preferred as minimal criteria for serving as the CI.

CSIF: Clinical Site Information Form. A form developed by APTA that contains detailed information about a clinical education site.

SIF: Student Information Form. A form completed by the student containing their demographic information, previous clinical internship history, goals for the next internship and assessment of strengths and weaknesses.

CPI: Clinical Performance Instrument. The tool used to evaluate the student’s performance in the clinical setting.

Standard Clinical Affiliation Agreement: The legal contract that exists between the University and the Facility that outlines the obligations of each party. Addendum for Physical Therapy Program is an attachment of the student clinical affiliation agreement that provides mutually agreed upon responsibilities of the facility and University specific to the physical therapy department.

PRIVILEGES AND RIGHTS AS A CI AND/OR CCCE

• CIs and CCCEs typically receive 50% off the cost of continuing education courses conducted by faculty at the University of Tennessee Health Science Center (Exclusion: Cost of Anatomy Cadaver Lab Course is reduced, but not by 50% due to the cost of the cadaver). The continuing education units (CEUs) earned by completing these continuing education courses can be used toward the Class I acceptable continuing competence evidence towards Tennessee Physical Therapy license renewal.
• CIs and CCCEs receive library privileges at the library on UTHSC’s campus upon request.
• CIs and CCCEs will have access to textbooks upon request.
• Opportunity to host an in-service provided by UTHSC academic faculty at your facility upon request.
• Opportunity to serve on the Clinical Education Advisory Committee.
• Access to informational blog for clinical educators for current news and updates.
• Recognition as adjunct faculty once requirements are met.
<table>
<thead>
<tr>
<th>Clinical Internship</th>
<th>Year</th>
<th>Dates</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>I (Fall Term)</td>
<td>2015</td>
<td>July 27-August 28</td>
<td>5 weeks</td>
</tr>
<tr>
<td>II (Spring Term)</td>
<td>2016</td>
<td>January 4 - February 5 OR February 8 - March 11</td>
<td>5 weeks</td>
</tr>
<tr>
<td>III (Fall Term)</td>
<td>2016</td>
<td>October 17 - December 9</td>
<td>8 weeks</td>
</tr>
<tr>
<td>IV (Spring Term)</td>
<td>2017</td>
<td>January 16 - March 10</td>
<td>8 weeks</td>
</tr>
<tr>
<td>V (Spring Term)</td>
<td>2017</td>
<td>March 20 - May 12</td>
<td>8 weeks</td>
</tr>
</tbody>
</table>

Graduation:
- Last week of May (Tentative date)
- Graduation Day Last Friday in May (Tentative date)
## CURRICULUM OUTLINE

### (1) FALL TERM I (August – December)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 500</td>
<td>Basic Pathology for Physical Therapists</td>
<td>2</td>
</tr>
<tr>
<td>PT 501</td>
<td>Principles of Research</td>
<td>3</td>
</tr>
<tr>
<td>PT 502</td>
<td>Neurobiology for Physical Therapists</td>
<td>3</td>
</tr>
<tr>
<td>PT 505</td>
<td>Fundamentals of Physical Therapy</td>
<td>2</td>
</tr>
<tr>
<td>PT 506</td>
<td>Psychosocial Aspects of Physical Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PT 510</td>
<td>Applied Exercise Physiology for Physical Therapists</td>
<td>3</td>
</tr>
<tr>
<td>PT 514</td>
<td>Clinical Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>PT 609</td>
<td>Professional, Ethical, and Supervisory Issues</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

### (2) SPRING TERM I (January–June)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 511</td>
<td>Gross Anatomy for Physical Therapists</td>
<td>6</td>
</tr>
<tr>
<td>PT 520</td>
<td>Introduction to Therapeutic Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PT 522</td>
<td>Physical Therapy in Neurological Disorders I</td>
<td>4</td>
</tr>
<tr>
<td>PT 523</td>
<td>Physical Evaluation Procedures</td>
<td>5</td>
</tr>
<tr>
<td>PT 525</td>
<td>Applied Pathology</td>
<td>3</td>
</tr>
<tr>
<td>PT 526</td>
<td>Kinesiology/Pathokinesiology</td>
<td>4</td>
</tr>
<tr>
<td>PT 528</td>
<td>Physical Therapy in Orthopedics I</td>
<td>3</td>
</tr>
<tr>
<td>PT 529</td>
<td>Fundamentals of Imaging for Physical Therapists</td>
<td>1</td>
</tr>
<tr>
<td>PT 530</td>
<td>Evidence-Based Practice I</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

* Not all courses run concurrently

### (3) FALL TERM II (July–December)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 600</td>
<td>Physical Therapy in Neurological Disorders II</td>
<td>4</td>
</tr>
<tr>
<td>PT 601</td>
<td>Evidence-Based Practice II</td>
<td>1</td>
</tr>
<tr>
<td>PT 602</td>
<td>Service Learning in Physical Therapy I</td>
<td>1</td>
</tr>
<tr>
<td>PT 603</td>
<td>Clinical Internship I (5 weeks)</td>
<td>2</td>
</tr>
<tr>
<td>PT 604</td>
<td>Pharmacology in Physical Therapy</td>
<td>1</td>
</tr>
<tr>
<td>PT 605</td>
<td>Physical Therapy in Orthopedics II</td>
<td>4</td>
</tr>
<tr>
<td>PT 607</td>
<td>Physical Therapy in Cardiopulmonary Disorders</td>
<td>2</td>
</tr>
<tr>
<td>PT 614</td>
<td>Health and Wellness</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

### (4) SPRING TERM II (January – June)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 613</td>
<td>Physical Therapy in Geriatrics</td>
<td>2</td>
</tr>
<tr>
<td>PT 623</td>
<td>Clinical Internship II (5 weeks)</td>
<td>2</td>
</tr>
<tr>
<td>PT 624</td>
<td>Physical Therapy in Neurological Disorders III</td>
<td>4</td>
</tr>
<tr>
<td>PT 625</td>
<td>Evidence-Based Practice III</td>
<td>1</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>PT 626</td>
<td>Service Learning in Physical Therapy II</td>
<td>1</td>
</tr>
<tr>
<td>PT 629</td>
<td>Physical Therapy in Orthopedics III</td>
<td>4</td>
</tr>
<tr>
<td>PT 633</td>
<td>Clinical Procedures II</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**FALL TERM III (July - December)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 622</td>
<td>Prosthetics and Orthotics</td>
<td>3</td>
</tr>
<tr>
<td>PT 637</td>
<td>Issues in Women’s Health</td>
<td>1</td>
</tr>
<tr>
<td>PT 638</td>
<td>Administration in Physical Therapy</td>
<td>4</td>
</tr>
<tr>
<td>PT 701</td>
<td>Clinical Procedures III</td>
<td>1</td>
</tr>
<tr>
<td>PT 702</td>
<td>Clinical Internship III (8 weeks)</td>
<td>4</td>
</tr>
<tr>
<td>PT 703</td>
<td>Physical Therapy in Integumentary Disorders</td>
<td>2</td>
</tr>
<tr>
<td>PT 704</td>
<td>Physical Therapy in Pediatrics</td>
<td>4</td>
</tr>
<tr>
<td>PT 708</td>
<td>Differential Diagnosis in Physical Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PT 709</td>
<td>Evidence-Based Practice IV</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>

**SPRING TERM III (January - May)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 706</td>
<td>Clinical Internship IV (8 weeks)</td>
<td>6</td>
</tr>
<tr>
<td>PT 707</td>
<td>Clinical Internship V (8 weeks)</td>
<td>8</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

Electives (term and courses vary) 3

**TOTAL HOURS FOR CURRICULUM** 125
COURSE DESCRIPTIONS

PT 500 Basic Pathology for Physical Therapists (2). Study of inflammation and repair, infectious and neoplastic disease, and immunologic responses. Students learn pathology incidence, etiology, pathogenesis, and medical management. Emphasis on cardiovascular, integumentary, musculoskeletal, and nervous system disorders encountered in physical therapy.

PT 501 Principles of Research (3). Introduction to basic research concepts and statistical analyses. Students learn to design and implement a research project and analyze data for hypothesis testing. Clinical, educational, and administrative topics are explored. Emphasis on creating critical consumers of professional literature.

PT 502 Neurobiology for Physical Therapists (3). Basic structure and function of the central, peripheral, and autonomic nervous systems. Includes clinical applications.

PT 505 Fundamentals of Physical Therapy (2). Introduction to basic care skills including the use of medical terminology, patient positioning, management of basic medical equipment, wheelchair management, aseptic technique, assessment of vital signs, passive range of motion, transfer training, gait training, and documentation. Information on ADA and architectural barriers is presented.

PT 506 Psychosocial Aspects of Physical Therapy (3). Section one: includes effective communication, principles of education, conflict management, stress management, assertiveness, and introduction to communicating with clients who speak Spanish. Section two: addresses the patient and family in the health care system, including sexuality, impact of disability, addictive behaviors, grief processes, death and dying, children's reactions to illness, HIV/AIDS, and selected counseling techniques.

PT 510 Applied Exercise Physiology for Physical Therapists (3). Basic concepts of exercise physiology including response of pulmonary, cardiovascular, neuromuscular and endocrine systems to exercise.


PT 514 Clinical Procedures I (3). Theoretical basis and application of physical agents including cryotherapy, thermotherapy, ultrasound, hydrotherapy, electromagnetic radiation, and intermittent pneumatic compression. Includes introduction to massage.

PT 520 Introduction to Therapeutic Exercise (3). Principles of therapeutic exercise to promote strength, flexibility and function. Concepts applied to rehabilitation for impairments, pain, and movement disorders as well as for health and wellness.

PT 522 Physical Therapy in Neurological Disorders I (4). Physical therapy examination and assessment of adult neuromotor disorders. Evidence based practice of various tools and
measurements. Concepts and theories of motor control, motor development and motor learning are introduced. Includes medical diagnostic procedures.

PT 523 Physical Evaluation Procedures (5). Basic skills utilized to evaluate the musculoskeletal and neuromuscular systems. Development of palpation skills, active and passive range of motion assessment, goniometry, posture evaluation, gait evaluation, girth measurements, manual muscle testing, and neurological screening.

PT 525 Applied Pathology (3). Physicians and clinical specialists cover general medical and orthopedic concepts including: oncology, infectious disease, laboratory values, trauma, inflammatory and non-inflammatory joint and connective tissue conditions, and pediatric and congenital disorders. Emphasis on medical and surgical management.

PT 526 Kinesiology/Pathokinesiology (4). Fundamental biomechanical and kinesiological principles, including kinematics and kinetics, of human movement related to anatomical and neuroanatomical structures under normal and pathological conditions. Includes structure and function of human musculoskeletal system, biomechanics, and movement analysis of human motion.


PT 529 Fundamentals of Imaging for Physical Therapists (1). Overview of the fundamentals of diagnostic imaging and the role of imaging in physical therapy.

PT 530 Evidence-Based Practice I (1). Introduction to evidence-based practice (EBP). Includes formulating clinical questions, searching evidence-based resources, appraising evidence, and applying evidence to practice.

PT 600 Physical Therapy in Neurological Disorders II (4). Pathophysiology, clinical manifestations, examination and management of pediatric and adult neuromuscular disorders including congenital and traumatic spinal cord injuries, motor neuron diseases, myopathies and selected neuropathies using a multidisciplinary approach.

PT 601 Evidence-Based Practice II (1). Faculty-mentored group activities to develop evidence-based plan of care for patients/clients seen during Clinical Internship I.

PT 602 Service Learning in Physical Therapy I (1). Active participation in a service project organized with community partners.

PT 603 Clinical Internship I (2). Five weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing professional behaviors in the clinical
environment. Observation in all areas of patient care and participation in developing physical therapy skills in areas in which the student has completed the required coursework.

**PT 604 Pharmacology in Physical Therapy (1).** Overview of drug administration, absorption, distribution, and elimination. Includes introduction to pharmacology of the CNS, ANS, cardiovascular system, and endocrine system; drugs affecting skeletal muscle; drugs used to treat pain and inflammation; and chemotherapy.

**PT 605 Physical Therapy in Orthopedics II (4).** Physical therapy evaluation of and intervention for non-surgical musculoskeletal dysfunctions of the extremities. Emphasis on manual therapy skill development in lab. Introduction to adult and child sports physical therapy.

**PT 607 Physical Therapy in Cardiopulmonary Disorders (2).** Management of individuals with cardiovascular and pulmonary dysfunction. Includes medical/surgical management and emphasizes physical therapy management.

**PT 609 Professional, Ethical, and Supervisory Issues (2).** Discussions of current issues that affect the practice of physical therapy. Concepts of professionalization with emphasis on history and development of physical therapy. Learning experiences include delegation and supervision of patient care activities; legal and regulatory parameters of physical therapy practice; safe, ethical, and legal practice.

**PT 613 Physical Therapy in Geriatrics (2).** Designed to facilitate understanding of older adults and their special needs and to promote concepts of successful aging based on physical therapy evaluation and intervention. Cognitive impairments, dementia, biological, socioeconomic, and functional changes due to aging will be discussed.

**PT 614 Health and Wellness (3).** Includes health promotion, health education, and models for behavior change. Health and wellness programs presented with emphasis on intervention, prevention, and promotion of health, wellness and fitness across the lifespan. Focus on *Healthy People 2020*.

**PT 622 Prosthetics and Orthotics (3).** Upper and lower extremity prosthetics and orthotics, spinal orthotics, assistive technology, wheelchair design and adaptive seating. Options, components, assessment, measurement, prescription, management and patient instruction.

**PT 623 Clinical Internship II (2).** Five weeks of supervised clinical experience in selected physical therapy settings. Observation in all areas of patient care and participation in developing physical therapy skills in areas in which the student has completed the required coursework.

**PT 624 Physical Therapy in Neurological Disorders III (4).** Pathophysiology, clinical manifestations, and management of selected adult upper motor neuron disorders including cerebrovascular accidents, brain injuries, disorders of the basal ganglia and cerebellum, and central nervous system infections and tumors.
PT 625 Evidence-Based Practice III (1). Faculty-mentored group activities to develop evidence-based plan of care for patients/clients seen during Clinical Internship II.

PT 626 Service Learning in Physical Therapy II (1). Active participation in a service project organized with community partners.

PT 629 Physical Therapy in Orthopedics III (4). Physical therapy evaluation and intervention for musculoskeletal dysfunctions of the spine and trunk. Emphasis on manual therapy skills development. Topics also include TMJ dysfunction, industrial physical therapy, and sacroiliac dysfunction.

PT 633 Clinical Procedures II (2). Theoretical basis and application of electrotherapy for motor response, pain control, and tissue repair. Includes use of NMES, FES, TENS, IFC, RC, HVPC and iontophoresis.

PT 637 Issues in Women’s Health (1). Women’s health issues from adolescence to post-menopause. Common problems encountered during pregnancy and post-partum as well as a variety of gynecological disorders. Self-care and preventive strategies are included.

PT 638 Administration in Physical Therapy (4). Topics include organizational theory and structure, personnel recruitment and retention, planning, policies and procedures, quality assurance, risk management, cost analyses, budgeting, marketing, regulation and public health policy.

PT 701 Clinical Procedures III (1). Electrical testing procedures used in physical therapy including nerve conduction testing and electromyography. Introduction to biofeedback included.

PT 702 Clinical Internship III (4). Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.

PT 703 Physical Therapy in Integumentary Disorders (2). Emphasis on physical therapy management of patients with open wounds, burns, and dermatologic disorders.

PT 704 Physical Therapy in Pediatrics (4). Includes normal child development and childhood conditions, including inborn or acquired, genetic, neurological and orthopedic disorders, followed by physical therapy assessment and interventions. Family, caregiver, social and environmental issues will be discussed.

PT 706 Clinical Internship IV (6). Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.

PT 707 Clinical Internship V (8). Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.
PT 708 Differential Diagnosis in Physical Therapy (3). Role of the physical therapist as an autonomous practitioner with emphasis on medical screening and referral.

PT 709 Evidence-Based Practice IV (1). Evidence-based plan of care developed for a patient/client seen during Clinical Internship III; EBP in-service presented to facility clinicians.

Electives

PT 710 Research Experience (1-3). Participation in a faculty-directed research project. Activities may include literature searches, data collection and/or data analysis. Credit hours vary depending on work assignment.

Selected courses in MSPT and ScDPT programs
POLICIES AND PROCEDURES

General Description
Eligibility
Academic Standing
Student Assignment
Clinical Performance Instrument (CPI)
Grading
Attendance
Dress Code
Transportation/Lodging
Confidentiality
HIPPA/PHI
Social Media
Liability Insurance
Health Insurance
Bloodbourne Pathogen Exposure Control
CPR
Student Information Form (SIF)
Health requirements
Criminal background checks/drug screening
Pregnancy
Student Evaluation of Clinical Experience
Development of New Clinical Sites
Withdrawal
Generic Abilities
Professional Behaviors
Clinical Education Checklist

POLICIES AND PROCEDURES

General Description
The clinical internship portion of the curriculum consists of 34 weeks of full time clinical experience. Clinical Internship I is a 5 week rotation occurring at the end of the first year. Clinical Internship II consists of a 5 week clinical experience in the middle of the second year. Clinical Internships III, IV, and V are presented in series after the completion of the didactic portion of the program and are each 8 weeks in length.

Academic Standing
A student must be in good standing with the University to attend clinical education.
Eligibility
Students on academic probation may not be allowed to participate in any clinical internship until the terms of the academic probation are met. This may result in a delay in the student’s graduation date.

Selection of Sites
On March 1st of each year, all clinical sites receive a commitment form requesting slots for the next calendar year. Based on this information, the students are presented with a list of available slots prior to each lottery. Students need to recognize that clinical sites frequently affiliate with a number of University programs and must allocate their resources in a way that best suits their needs. Therefore, our clinical facilities are not always able to offer slots for each internship.

Student Assignment
Students are assigned to clinical facilities by a lottery system. A set of random numbers is generated by the computer, and then ranked in order. During the first academic semester, students receive their lottery numbers, based on this ranking, for Clinical Internships I-V.

Students may negotiate with each other to exchange numbers prior to the actual process. This allows students who may have a keen desire to be at the top of the selection process for a specific internship to maneuver them into place to get a top choice. Any request to change lottery numbers should be given to the DCE by e-mail prior to the lottery.

A list of confirmed affiliation slots, with the designated type, is given to the students approximately 2 weeks prior to the selection process. Students are encouraged to research the variety of opportunities available at the site, size of facility, size and qualifications of staff, and types of patients who are treated in that facility by reviewing the site information books in the Resource Room. Students should keep in mind that staffing patterns, types of patients treated, etc. may have changed since the completion of the Clinical Site Information Form.

Students should select internship sites that provide a range of experiences across the continuum of care and lifespan. Students are required to complete an inpatient, outpatient and a rehabilitation affiliation during one of their five internships (5, 5 or 8 weeks each), IF enough slots of each type of internship are available. Students may not do an internship in a facility in which they are currently or have been recently employed.

All students are required to be present at the time of the selection, or forfeit their positions. During the selection process, each student indicates, in order of ranking, his/her choice of assignment for each type of internship. The DCE reserves the right to make assignments due to the special needs of students.

Following the selection process, the DCE compiles the selection list, and distributes it to the students. Students then have 2-3 days in which to request a change in assignment prior to the final list being distributed to the CCCEs. All requests for changes must be submitted to the DCE by e-mail and must include the student’s name, requested change and lottery number. Once final assignments have been made and the facilities have been notified, NO further changes will be made.
Under no circumstances should students contact a facility and request an assignment. Any contact with potential clinical sites is to be initiated by the DCE.

Clinical Performance Instrument (CPI)
The CPI is an electronic assessment tool for physical therapy student’s designed by the APTA to provide consistency in assessing student clinical skills.

The CPI is the mechanism by which UTHSC and clinical sites evaluate student clinical performance both at midterm and at the conclusion of the clinical internship. Both the student PT and clinical instructor at midterm and final electronically sign the CPI.

The DCE reviews all CPIs at midterm and final to ensure progression of the SPT at the clinical site. For concerns with clinical education the DCE, CI and student will work together to development a plan to address those concerns.

Grading
The Department of Physical Therapy has a Progress and Promotions Committee charged with the responsibility of monitoring each student's clinical and academic performance throughout the curriculum. The committee is composed of the teaching faculty for the term during which students' grades are being considered and is chaired by the physical therapy program director. The committee meets during or at the end of the academic semester, and after reviewing each student's progress, makes recommendations to the dean of the college relative to promotion, probation, or termination for all students. Determination of the student’s grade for clinical internships is made by the DCE and is based on the clinical faculty’s comments, the Clinical Performance Instrument (CPI), and the satisfactory completion of additional assignments when applicable (see Course Syllabus for specific grading criteria for the CPI). The student will receive a grade of:

- **Pass** – see syllabi below for specifics
- **Fail** – see syllabi below for specifics

Any concerns will be discussed with the student. Any unsatisfactory student evaluations will result in an individualized plan for the student determined by the DCE with input from the Program Chair and program faculty. The options available to remediate with a passing grade, include, but are not limited to: 1) additional time at that facility. 2) An additional clinical assignment of an appropriate length. 3) A successful remedial program followed by another clinical assignment of appropriate length. Any extra instruction will be arranged by the DCE. If unsatisfactory performance by a student in clinical education occurs, graduation of the student from the University of Tennessee's physical therapy program may be delayed until the student meets established criteria for clinical competence. In addition, a student may, upon the recommendation of the committee and approval of the dean, be terminated from the program with unsatisfactory performance in the clinic.
Each student is encouraged to read the entire section of "Progress and Promotions" which appears in the UTCenterScope.

**Attendance**
Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness will need to make those days up in a way that fits the clinic’s schedule.**

Students are to notify their CI of an illness related absence prior to the start of the day or as soon as telephone contact can be established. In addition, **students are required to notify the DCE of any absence.** An unexcused absence may be grounds for dismissal from the Program.

**Dress Code**
The student's clinical uniform must be neat and professional in appearance, safe, comfortable, non-binding, and acceptable to clinical educators. It should identify students as health professionals and provide a degree of uniformity to the students' appearance. The uniform is to be worn during all phases of clinical education, unless stipulated otherwise by an affiliating center.

**General**
Students are instructed to follow the dress code of the facility in which they have been assigned. Students are expected to avoid extremes in makeup, hairstyles, perfumes, aftershave lotions, and nail polish. Students may be asked to remove pierced jewelry or cover tattoos as required by the facility. Jeans are not permitted.

- **Hair**  Hair must be neat and well groomed. Long hair should be tied back or pinned up away from face and shoulders.
- **Fingernails**  Fingernails must be short and well manicured. Acrylic nails are not permitted.
- **Jewelry**  Jewelry should be kept to a minimum. Name tags, should be worn at all times. A dependable water resistant watch with either a sweep second hand or digital seconds indicator is recommended.
- **Shoes**  Shoes should be closed toe and heel with non-skid soles. No sandals or high heels are permitted.

**Transportation/Lodging**
The student is expected to provide for all expenses incurred during all phases of clinical education (e.g., travel, housing, food). The student is also responsible for making housing
arrangements during out of town internships. The facility and/or the DCE may be able to provide information or make recommendations regarding housing options.

**Confidentiality**

Students must abide by the facility’s policies regarding confidentiality as well as the APTA Guide for Professional Conduct as described under Principal 2.3:

A. “Information relating to the physical therapist/patient relationship is confidential and may not be communicated to a third party not involved in that patient’s care without the prior consent of the patient, subject to applicable law.

B. Information derived from peer review shall be held confidential by the reviewer unless the physical therapist who was reviewed consents to the release of the information.

C. A physical therapist may disclose information to appropriate authorities when it is necessary to protect the welfare of an individual or the community or when required by law. Such disclosure shall be in accordance with applicable law.”

D. Social Media sites: Any disclosure of patient related information on social media sites (i.e. Facebook, You Tube, twitter, MySpace etc.) will result in immediate dismissal of the clinical.

**HIPAA Privacy and Security Combined Policies**

All students must complete and sign the University’s online HIPPA privacy and security combined training course. The course includes:

- Medicare Compliance Training
- Billing Compliance update 2007
- HIPAA, Law, Understanding HIPAA and Living with HIPAA
- Sexual Harassment Avoiding Training

**Social Media**

Students should conduct themselves in accordance with the Student Code of Conduct as outlined in the Centerscope, pages 107-119. Guidelines regarding the use of social media for the classroom, laboratory, and clinical setting are as follows:

1. unless it is part of an approved in-class assignment, students are not to access or post information on social networking sites during lecture, lab, or clinical internship experiences.
2. professionalism should extend to social networking sites and other user-generated media. Do not mention professors, clinical instructors or colleagues in a negative manner. Example: “Professor ABC is a terrible lecturer. Sitting here in class is such a waste of time.” OR “My clinical instructor had me treat all of her patients today while she just sat there.”
3. photographs or video taken during class, lab or clinic should not be posted on social networking sites.
4. posting information about, or images of, a patient or research subject is strictly prohibited. This includes references to family, employment, relatives, conditions, locations of treatment, or any circumstances surrounding their situation. This could potentially violate patient privacy and HIPAA guidelines.
4. discussing exam information prior to all students completing an exam could lead to an Honor Code violation. Example: “The test was pretty easy, there were no questions concerning joint-play.”

5. the use of technology (cell phone, internet) to threaten, intimidate, ridicule, humiliate, insult, or harass someone is known as cyber-bullying and must be reported to the College Dean or Student Conduct Officer in the Office of Equity and Diversity.

**Failure to adhere to the Student Code of Conduct and guidelines for social media may result in dismissal from the Program.**

**Liability Insurance**

Professional liability insurance is provided to all students of the University of Tennessee through the Granite State Insurance Company. A Certificate of Insurance is provided each year to all clinical internship sites.

The University of Tennessee is covered under a blanket policy as outlined by Tennessee State law:

“The University of Tennessee is self-insured under the provisions of the Tennessee Claims Commission Act, T.C.A. 9-8-301, et seq., which provides for a limited waiver of the State's sovereign immunity in specified cases, up to $300,000 per claimant and $1,000,000 per occurrence. Any liability of The University of Tennessee for damages, losses, or costs, arising out of or related to acts performed by the University under this contract is governed by the provisions of said Act.”

**Health Insurance**

All students are required to have health insurance and must carry proof of that insurance with them to their clinical sites.

**Bloodborne Pathogen Exposure Control**

1. Training

Students receive information and training related to bloodborne pathogens and infection control procedures as part of their academic education. Training is provided during the first academic semester before students begin affiliations in clinical facilities.

The training programs, with annual updates to all students and faculty engaged in clinical practice, include information related to:

- the *Bloodborne Pathogens Standard*
- epidemiology and symptoms of bloodborne diseases
- modes of transmission of bloodborne pathogens
- the exposure control plan for the Department of Physical Therapy
e. appropriate methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials
f. use and limitations of methods that will prevent or reduce exposure
g. types, proper use, location, removal, handling, decontamination, and disposal of personal protective equipment
h. basis for selection of personal protective equipment
i. hepatitis B vaccine, including information on its efficacy, safety, method of administration, benefits of being vaccinated, and that the vaccine and vaccination will be offered through UHS [University Health Services]
j. appropriate actions to take and persons to contact in an emergency involving blood or other potentially infectious materials
k. procedure to follow if an exposure incident occurs
l. post-exposure evaluation and follow-up
m. biohazard signs and labels and/or color coding

2. Recordkeeping
   Training records for faculty and students include dates of training sessions, contents or summary of training sessions, names and qualifications of persons conducting the training, and names and job titles of all persons attending the training sessions. Training records are maintained for three years from the date on which training occurred.

3. Student Exposure
   In compliance with the Exposure Control Plan published in the Federal Register (Volume 56, No. 235, 12/06/91) and OSHA guidelines, the following procedures should be followed at the clinical education site if a student is exposed to bloodborne pathogens:

   a. Evaluation of the student should be done at the institution where the exposure took place. The expense of the evaluation is covered by the student health insurance.

   b. The Center Coordinator of Clinical Education should immediately notify the Director of Clinical Education of the student's exposure.

   c. Prophylaxis and follow-up for the student will be provided through University Health Service

CPR
All students must be certified in CPR - Basic Life Support for Healthcare Providers through the American Heart Association prior to Clinical Internship I, and their certification must remain current until all clinical internships are completed.

Student Information Form (SIF)
All students prior to the CE affiliation complete a SIF. This form is mailed to the clinical site by the DCE. A clinical site may also request documents of a student’s physical status,
immunizations, criminal background check, and drug screening and or other special documents. These documents are provided to the CCCE or CI as requested.

**Health Requirements**
All students are required to be immunized against the Hepatitis B virus and to have an annual skin test for Tuberculosis. In addition, students must provide evidence of: 2 MMR vaccines given after one year of age, polio vaccine, 2 varicella vaccines or + titer, and tetanus every 10 years or a booster.

**Criminal background checks/drug screening**
All students are subjected to a criminal background check prior to acceptance in the program. Students are then required to have a criminal background check yearly. Students may also be required to submit to a drug test, fingerprinting and or proof of physical exam as required by the Facility. The cost of testing is generally billed to the student.

**Paternity**
If a student becomes pregnant, she should notify the DCE and the CI as soon as possible in order to prevent any complications and to safeguard the health of the mother and the baby.

**Student Evaluation of Clinical Experience and Clinical Instruction**
Students are required to complete an evaluation of their clinical experience and clinical instruction after each clinical internship. This document should be reviewed and signed by their Clinical Instructor and returned to the DCE.

**Development of New Clinical Sites**
The Program continuously seeks to develop new clinical sites to provide its students with a variety of clinical experiences. In order to be considered, the facility is asked to complete a Clinical Site Information Form and the DCE will make a site visit to the facility. If the facility meets the criteria as outlined by the *APTA Guidelines for Clinical Sites*, a recommendation is presented to the Faculty for a decision. In addition, a signed Letter of Agreement must be instituted between the University and the Facility. All contact with the facility under consideration is to be conducted by the DCE.

**Withdrawal**
The University or Facility may request withdrawal or dismissal from the clinic of any student whose performance record or conduct is considered unsatisfactory.

**Generic Abilities**
Prior to Clinical Internships I and II, all students are required to complete a self-assessment using The Generic Abilities assessment tool developed by the University of Wisconsin-Madison. This assessment is to be discussed with the student’s faculty advisor.

**Professional Behaviors**
Students are expected to demonstrate professional behaviors throughout all their clinical experiences. We teach students that the APTA Code of Ethics and APTA Core Values are essential to success in the clinic and in the profession.
APTA Code of Ethics:  
http://www.apta.org/uploadedFiles/APTAorg/About_US/Policies/HOD/Ethics/Codeofethics.pdf#search=%2codeofethic%22

APTA Core Values:  
http://www.apta.org/uploadedFiles/APTAorg/About_Us/Policies/BOD/Judicial/ProfessionalisminPT.pdf#search=%22core

**Clinical Education Checklist**

Students may take the following items with them for each clinical assignment:

- Proof of Health Insurance
- Proof of CPR certification
- Documentation of health requirements
- Criminal Background Check
- Additional instructions specific to the internship
PT 603: CLINICAL INTERNSHIP I
Fall term

Course Instructors: Marie Hatten, PT, DPT, OCS
                     Director of Clinical Education
                     901-448-5888
                     mhalten@uthsc.edu

                     Jacque Bradford, PT, DPT, MS
                     Assistant Director of Clinical Education
                     901-448-5888
                     jbrad15@uthsc.edu

Course Description: Five weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing professional behaviors in the clinical environment. Observation in all areas of patient care and participation in developing physical therapy skills in areas in which the student has completed the required coursework.

Course Prerequisites: Successful completion of Winter/Spring 1 DPT courses.

Course Organization: Five weeks of full-time clinical education experience (200 clinical hours, 2 credit hours). Students will achieve course objectives with on-site supervision from one or more clinical instructors (CIs) who are employed by the facility. Teaching methods and learning experiences are tailored by the opportunities available at the facility and type of clinical setting.

Required Materials: Student Clinical Educational Manual, APTA Physical Therapist Student Evaluation: Clinical Experience and Clinical Instruction, APTA Physical Therapist Clinical Performance Instrument (CPI) Web. No texts are required for this course but all previous textbooks and notes from the academic curriculum are recommended. Other readings, appropriate to the patient population or clinical site, may be assigned by the clinical instructor.

Grading: Pass/Fail

The DCE determines the student’s grade for clinical internships. The grade is based on the point system, marks on the CPI rating scale, written comments on the CPI by the CI, as well as communication with the CI via phone calls, site visits and e-mails regarding student performance. The clinical instructor evaluates the student performance at midterm and final using the CPI. In addition, students complete a self-assessment at midterm and final using the electronic version of the CPI. Students must review their self-assessment with their CI. Students complete an evaluation of the clinical internship experience and clinical instruction, and submit these documents to the DCE by the stipulated deadline. See detailed information regarding the grading process in the student Clinical Education Manual.

Pass: At the completion of this internship, all the following conditions must be met:
1) On the CPI, no Significant Concerns boxes are checked or described on “red-flag” items (1-4 & 7).
2) By the final evaluation period, overall ratings of student performance on the CPI are graded between “Beginning Performance” and “Advanced Beginning Performance” or above.
3) Student must demonstrate improved performance from midterm evaluation to final evaluation period as indicated through improved markings on the CPI rating scale and/or descriptions in the comments section.
4) The CI’s written comments on the CPI must reflect satisfactory student performance for the student’s current level of academic preparation.
5) Student has submitted all assignments, in the required manner, by the published deadlines.
6) Student will achieve at least 83% of the allotted points for this course.

**Attendance Requirements:** Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness or family emergency will need to make those days up in a way that fits the clinic’s schedule.**

If an emergency or illness arises which necessitates missing a clinic day the student must notify the clinical instructor or CCCE prior to the start of the day or until phone contact (NOT VOICEMAIL) can be established. In addition, the student must notify the DCE of an absence via voice mail or e-mail at the start of the day.

**COURSE OBJECTIVES:** Following the completion of the internship, with supervision and/or guidance from the clinical instructor, the student will:

1. Consistently demonstrate professional behavior in the clinical environment in all situations.
2. Consistently practice in a safe manner that minimizes risk to patient, self, and others in all situations.
3. Practice in a manner consistent with APTA Code of Ethics, and with legal practice standards.
4. Appropriately adapt delivery of physical therapy care with respect to individual and cultural differences.
5. Seek constructive feedback and assist the clinical instructor with planning a strategy or action plan to address performance that is in need of improvement.
6. Maintain appropriate documentation adhering to the policies of the clinical facility.
7. Perform a simple physical therapy examination in a competent manner.
8. Demonstrate proficiency in designing a physical therapy plan of care that is patient-centered and evidence-based.
9. Perform simple physical therapy interventions including patient/client and family instruction in a proficient manner.
10. Apply current didactic knowledge and skills to patient examinations and interventions.
11. Communicate effectively verbally and nonverbally, in a professional and timely manner.
12. Demonstrate awareness of strategies to manage time and resources effectively in the clinic setting.
DEPARTMENT OF PHYSICAL THERAPY
THE UNIVERSITY OF TENNESSEE, HEALTH SCIENCE CENTER

PT 623: CLINICAL INTERNSHIP II
Spring Term

Course Instructors: Marie Hatten, PT, DPT, OCS
Director of Clinical Education
901-448-5888
mhattan@uthsc.edu

Jacque Bradford, PT, DPT, MS
Assistant Director of Clinical Education
901-448-5888
jbrad15@uthsc.edu

Course Description: Five weeks of supervised clinical experience in selected physical therapy settings. Observation in all areas of patient care and participation in developing physical therapy skills in areas in which the student has completed the required coursework.

Course Prerequisites: Successful completion of Summer/Fall 2 DPT courses.

Course Organization: Five weeks of full-time clinical education experience (200 clinical hours, 2 credit hours). Students will achieve course objectives with on-site supervision from one or more clinical instructors (CIs) who are employed by the facility. Teaching methods and learning experiences are tailored by the opportunities available at the facility and type of clinical setting.

Required Materials: Student Clinical Educational Manual, APTA Physical Therapist Student Evaluation: Clinical Experience and Clinical Instruction, APTA Physical Therapist Clinical Performance Instrument (CPI) Web. No texts are required for this course but all previous textbooks and notes from the academic curriculum are recommended. Other readings, appropriate to the patient population or clinical site, may be assigned by the clinical instructor.

Grading: Pass/Fail
The DCE determines the student’s grade for clinical internships. The grade is based on the marks on the rating scale, written comments on the CPI by the CI, as well as communication with the CI via phone calls, site visits and e-mails regarding student performance. The clinical instructor evaluates the student performance at midterm and final using the CPI. In addition, students complete a self-assessment at midterm and final using the electronic version of the CPI. Students must review their self-assessment with their CI. Students complete an evaluation of the clinical internship experience and clinical instruction, and submit these documents to the DCE by the stipulated deadline. See detailed information regarding the grading process in the student Clinical Education Manual.

Pass: At the completion of this internship, all the following conditions must be met:
1) On the CPI, no Significant Concerns boxes are checked or described on “red-flag” items (1-4 & 7).
2) By the final evaluation period, overall ratings of student performance on the CPI are graded between “Advanced Beginner Performance” and “Intermediate Performance.”
3) Student must demonstrate improved performance from midterm evaluation to final evaluation period as indicated through improved markings on the CPI rating scale and/or descriptions in the comments section.
4) The CI’s written comments on the CPI must reflect satisfactory student performance for the student’s current level of academic preparation.
5) Student has submitted all assignments, in the required manner, by the published deadlines.
6) Student will achieve at least 83% of the allotted points for this course.
Attendance Requirements: Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness will need to make those days up in a way that fits the clinic’s schedule.**

If an emergency or illness arises which necessitates missing a clinic day the student must notify the clinical instructor or CCCE prior to the start of the day or until phone contact (NOT VOICEMAIL) can be established. In addition, the student must notify the DCE of an absence via voice mail or e-mail at the start of the day.

COURSE OBJECTIVES: Following the completion of this internship, the student will:

1. Consistently demonstrate professional behavior in the clinical environment in all situations.
2. Consistently practice in a safe manner that minimizes risk to patient, self, and others in all situations.
3. Practice in a manner consistent with APTA Code of Ethics, and with legal practice standards.
4. Appropriately adapt delivery of physical therapy care with respect to individual and cultural differences.
5. Seek constructive feedback and assist the clinical instructor with planning a strategy or action plan to address performance that is in need of improvement.
6. Maintain appropriate documentation adhering to the policies of the clinical facility.
7. With supervision from the CI, consistently demonstrate skill in performing a simple physical therapy examination.
8. With guidance and supervision from CI, demonstrate skill in performing a physical therapy examination on patients with complex problems.
9. With supervision from the CI, demonstrate skill in designing a physical therapy plan of care that is patient-centered and evidence-based.
10. Apply current didactic knowledge and skills to patient examinations and interventions.
11. Demonstrate skill in evaluating and analyzing exam findings with supervision from CI on simple cases and guidance with complex cases.
12. Communicate effectively verbally and nonverbally, in a professional and timely manner, and with guidance in complex/ambiguous situations.
13. With supervision from the CI, effectively manage time and resources and adapt according to situational needs.
DEPARTMENT OF PHYSICAL THERAPY  
THE UNIVERSITY OF TENNESSEE, HEALTH SCIENCE CENTER  

PT 702: CLINICAL INTERNSHIP III  
SYLLABUS  
Fall Term  

Course Instructors:  Marie Hatten, PT, DPT, OCS  
                   Jacque Bradford, PT, DPT, MS  
Director of Clinical Education  
901-448-5888  
mhattan@uthsc.edu  
Assistant Director of Clinical Education  
901-448-5888  
jbrad15@uthsc.edu  

Course Description:  Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.  

Course Prerequisites:  Successful completion of Summer/Fall 3 DPT courses.  

Course Organization:  Eight weeks of full-time clinical education experience (320 clinical hours, 3 credit hours). Students will achieve course objectives with on-site supervision from one or more clinical instructors (CIs) who are employed by the facility. Teaching methods and learning experiences are tailored by the opportunities available at the facility and type of clinical setting.  

Required Materials:  Student Clinical Educational Manual, APTA Physical Therapist Student Evaluation: Clinical Experience and Clinical Instruction, APTA Physical Therapist Clinical Performance Instrument (CPI) Web. No texts are required for this course but all previous textbooks and notes from the academic curriculum are recommended. Other readings, appropriate to the patient population or clinical site, may be assigned by the clinical instructor.  

Grading: Pass/Fail  
The DCE determines the student’s grade for clinical internships. The grade is based on the point system, marks on the rating scale, written comments on the CPI by the CI, as well as communication with the CI via phone calls, site visits and e-mails regarding student performance. The clinical instructor evaluates the student performance at midterm and final using the CPI. In addition, students complete a self-assessment at midterm and final using the electronic version of the CPI. Students must review their self-assessment with their CI. Students complete an evaluation of the clinical internship experience and clinical instruction, and submit these documents to the DCE by the stipulated deadline. See detailed information regarding the grading process in the student Clinical Education Manual.  

Pass:  At the completion of this internship, all the following conditions must be met:  

1)  On the CPI, no Significant Concerns boxes are checked or described on “red-flag” items (1-4 & 7).  
2)  By the final evaluation period, overall ratings of student performance on the CPI are graded between “Intermediate Performance” and “Advanced Intermediate Performance.”  
3)  Student must demonstrate improved performance from midterm evaluation to final evaluation period as indicated through improved markings on the CPI rating scale and/or descriptions in the comments section.  
4)  The CI’s written comments must reflect satisfactory performance for student’s level of academic preparation.  
5)  Student has submitted all assignments, in the required manner, by the published deadlines.
6) Student will have earned at least 83% of the allotted points for CE III.

**Attendance Requirements:** Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness will need to make those days up in a way that fits the clinic’s schedule.**

If an emergency or illness arises which necessitates missing a clinic day the student must notify the clinical instructor or CCCE prior to the start of the day or until phone contact can be established. In addition, the student must notify the DCE of an absence via voice mail or e-mail at the start of the day.

**COURSE OBJECTIVES:** Following completion of this internship, the student will:

1. Consistently demonstrate professional behavior in the clinical environment in all situations.
2. Consistently practice in a safe manner that minimizes risk to patient, self, and others in all situations.
3. Practice in a manner consistent with APTA Code of Ethics, and with legal practice standards.
4. Appropriately adapt delivery of physical therapy care with respect to individual and cultural differences.
5. Seek constructive feedback and assist the clinical instructor with planning a strategy or action plan to address performance that is in need of improvement.
6. Maintain appropriate documentation adhering to the policies of the clinical facility.
7. With guidance or occasional cueing from the CI, perform physical therapy examination procedures in a technically competent manner with simple and complex cases.
8. With supervision and occasional guidance from the CI, progress and modify a physical therapy plan of care that is patient-centered and evidence-based.
9. With supervision from the clinical instructor, evaluate effectiveness of education provided to patients, family, caregivers and other health care providers, and modify strategies appropriately.
10. With CI supervision for simple cases and occasional guidance for complex cases, evaluate clinical findings to determine physical therapy diagnoses and outcomes of care.
11. Communicate effectively verbally and nonverbally, in a professional and timely manner, and with guidance in complex/ambiguous situations.
12. With guidance from the CI, effectively manage time and resources, and adapt to situational needs.
DEPARTMENT OF PHYSICAL THERAPY
THE UNIVERSITY OF TENNESSEE, HEALTH SCIENCE CENTER

PT 706: CLINICAL INTERNSHIP IV
Spring term

Course Instructors: Marie Hatten, PT, DPT, OCS
Director of Clinical Education
901-448-5888
mhattan@uthsc.edu

Jacque Bradford, PT, DPT, MS
Assistant Director of Clinical Education
901-448-5888
jbrad15@uthsc.edu

Course Description: Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.

Course Prerequisites: Successful completion of 702PT Clinical Internship III.

Course Organization: Eight weeks of full-time clinical education experience (320 clinical hours, 6 credit hours). Students will achieve course objectives with on-site supervision from one or more clinical instructors (CIs) who are employed by the facility. Teaching methods and learning experiences are tailored by the opportunities available at the facility and type of clinical setting.

Required Materials: Student Clinical Educational Manual, APTA Physical Therapist Student Evaluation: Clinical Experience and Clinical Instruction, APTA Physical Therapist Clinical Performance Instrument (CPI) Web. No texts are required for this course but all previous textbooks and notes from the academic curriculum are recommended. Other readings as suggested or assigned by the clinical instructor that is appropriate to the patient population or clinical site.

Grading: Pass/Fail:
The DCE determines the student’s grade for clinical internships. The grade is based on the point system, marks on the rating scale, written comments on the CPI by the CI, as well as communication with the CI via phone calls, site visits and e-mails regarding student performance. The clinical instructor evaluates the student performance at midterm and final using the CPI. In addition, students complete a self-assessment at midterm and final using the electronic version of the CPI. Students must review their self-assessment with their CI. Students complete an evaluation of the clinical internship experience and clinical instruction, and submit these documents to the DCE by the stipulated deadline. See detailed information regarding the grading process in the student Clinical Education Manual.

Pass: At the completion of this internship, the following conditions must be met:
1) On the CPI, no Significant Concerns boxes are checked or described on “red-flag” items (1-4 & 7).
2) By the final evaluation period, overall ratings of student performance on the CPI are graded between “Advanced Intermediate Performance” and “Entry-level Performance.”
3) Student must demonstrate improved performance from midterm evaluation to final evaluation period as indicated through improved markings on the CPI rating scale and/or descriptions in the comments section.
4) The CI’s written comments must reflect satisfactory performance for student’s level of academic preparation.
5) Student has submitted all assignments, in the required manner, by the published deadlines.
6) Student will have earned at least 83% of the allotted points for CE IV.
ATTENDANCE REQUIREMENT: Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness will need to make those days up in a way that fits the clinic’s schedule.**

If an emergency or illness arises which necessitates missing a clinic day the student must notify the clinical instructor or CCCE prior to the start of the day or until phone contact (NOT VOICEMAIL) can be established. In addition, the student must notify the DCE of an absence via voice mail or e-mail at the start of the day.

COURSE OBJECTIVES: Following completion of this internship the student will:

1. Consistently demonstrate professional behavior in the clinical environment in all situations.
2. Consistently practice in a safe manner that minimizes risk to patient, self, and others in all situations.
3. Consistently practice in a manner consistent with APTA Code of Ethics, with legal practice standards, and, with minimal guidance from CI, adhere to institutional regulations related to patient care and fiscal management.
4. Independently evaluate, design plan of care, and adapt delivery with respect to individual and cultural differences.
5. Seek constructive feedback and assist the clinical instructor with planning a strategy or action plan to address performance that is in need of improvement.
6. With occasional cueing or guidance from the CI for complex cases, consistently develop quality documentation in keeping with institutional policies.
7. With occasional cueing from CI for complex or ambiguous patient cases, perform physical therapy examination procedures in a technically competent manner.
8. Design, progress and modify a physical therapy plan of care that is patient-centered and evidence-based with occasional guidance from the clinical instructor with complex or ambiguous cases.
9. With occasional guidance from the CI, evaluate effectiveness of education provided to patients, family, caregivers and other health care providers, and modify strategies appropriately.
10. With occasional CI guidance for complex cases, evaluate clinical findings to determine physical therapy diagnoses and outcomes of care.
11. Communicate effectively verbally and nonverbally, in a professional and timely manner, in all situations.
12. Effectively manage time and resources, and adapt to situational needs.
Course Instructors:  Marie Hatten, PT, DPT, OCS  
Director of Clinical Education  
901-448-5888  
  mhattan@uthsc.edu  

Jacque Bradford, PT, DPT, MS  
Assistant Director of Clinical Education  
901-448-5888  
  jbrad15@uthsc.edu  

Course Description:  Eight weeks of supervised clinical experience in selected physical therapy settings with emphasis on developing increased independence and clinical reasoning skills.

Course Prerequisites:  Successful completion of 706PT Clinical Internship IV.

Course Organization:  Eight weeks of full-time clinical education experience (320 clinical hours, 6 credit hours).  Students will achieve course objectives with on-site supervision from one or more clinical instructors (CIs) who are employed by the facility.  Teaching methods and learning experiences are tailored by the opportunities available at the facility and type of clinical setting.

Required Materials:  Student Clinical Educational Manual, APTA Physical Therapist Student Evaluation: Clinical Experience and Clinical Instruction, APTA Physical Therapist Clinical Performance Instrument (CPI) Web.  No texts are required for this course but all previous textbooks and notes from the academic curriculum are recommended.  Other readings as suggested or assigned by the clinical instructor that is appropriate to the patient population or clinical site.

Grading:  Pass/Fail

The DCE determines the student’s grade for clinical internships.  The grade is based on the point system, marks on the rating scale, written comments on the CPI by the CI, as well as communication with the CI via phone calls, site visits and e-mails regarding student performance.  The clinical instructor evaluates the student performance at midterm and final using the CPI.  In addition, students complete a self-assessment at midterm and final using the electronic version of the CPI.  Students must review their self-assessment with their CI.  Students complete an evaluation of the clinical internship experience and clinical instruction, and submit these documents to the DCE by the stipulated deadline.  See detailed information regarding the grading process in the student Clinical Education Manual.

Pass:  After the completion of this internship, the following conditions must be met:
1)  On the CPI, no Significant Concerns boxes are checked or described on “red-flag” items (1-4 & 7).
2)  By the final evaluation period, overall ratings of student performance on the CPI are graded between “Entry-level Performance” and “Beyond Entry-Level Performance.”
3) Student must demonstrate improved performance from midterm evaluation to final evaluation period as indicated through improved markings on the CPI rating scale and/or descriptions in the comments section.
4) The CI’s written comments must reflect satisfactory performance for student’s level of academic preparation.
5) Student has submitted all assignments, in the required manner, by the published deadlines.
6) Student will have earned at least 83% of the allotted points for CE V.

**Attendance Requirements:** Attendance is required in all clinical education sessions. Students are expected to follow the facility’s work schedule regarding hours worked, including holidays and weekends. Facility policy will also determine the student’s schedule in the event of inclement weather. **Students who miss clinic days due to illness will need to make those days up in a way that fits the clinic’s schedule.**

If an emergency or illness arises which necessitates missing a clinic day the student must notify the clinical instructor or CCCE prior to the start of the day or until phone contact (NOT VOICEMAIL) can be established. In addition, the student must notify the DCE of an absence via voice mail or e-mail at the start of the day.

**COURSE OBJECTIVES:** Following completion of this internship the student will:

1. Consistently demonstrate professional behavior in the clinical environment in all situations.
2. Consistently practice in a safe manner that minimizes risk to patient, self, and others in all situations.
3. Consistently practice in a manner consistent with APTA Code of Ethics, with legal practice standards, and, with minimal guidance from CI, adhere to institutional regulations related to patient care and fiscal management.
4. Independently evaluate, design plan of care, and adapt delivery with respect to individual and cultural differences.
5. Formulate an action plan for professional development through self-analysis and with feedback from all appropriate staff and clients at current practice setting.
6. Independently maintain quality documentation as appropriate in keeping with the policies of the clinical facility.
7. Independently perform physical therapy examination procedures in a technically competent manner with simple or complex patient cases.
8. Design, evaluate, progress and modify physical therapy plan of care that is patient-centered and evidence-based with simple and complex patient cases.
9. Evaluate effectiveness of education provided to patients, family, caregivers and other health care providers, and modify strategies appropriately.
10. Evaluate clinical findings to determine physical therapy diagnoses and outcomes of care.
11. Communicate effectively verbally and nonverbally, in a professional and timely manner, in all situations.
12. Effectively manage time and resources, and adapt to situational needs.
FORMS

Student Information Form
First Week Form
CPI please refer to website: cpi2.amsapps.com/
Student Evaluation of Clinical Experience
Tests and Measures for Clinical Internship I
Tests and Measures for Clinical Internship II
Tests and Measures for Clinical Internship III, IV, and V
Department of Physical Therapy
The University of Tennessee Health Science Center

STUDENT INFORMATION FOR CLINICAL INTERNSHIPS

Clinical Internship: __________ Internship Date: ________________________________

The clinical educators with whom you will work during your internship would like some information about you so they can make your experience at their facility as meaningful as possible. The questions on this form appear at their request, and your responses will be forwarded to the facilities with whom you will affiliate.

SECTION I: IDENTIFICATION INFORMATION

Name of Facility: ____________________________________________________________

A. Student’s Name: _________________________________________________________

B. School Address: The University of Tennessee Health Science Center
   Department of Physical Therapy
   930 Madison Ave., 6th Floor
   Memphis, TN 38163
   Telephone Number: (901) 448-5888 Fax Number: (901) 448-1411

C. Email Address: __________________________________________________________

D. Permanent Address: _____________________________________________________
   __________________________________________________________
   Telephone Number: _____________________________________________

E. Emergency Contact: _____________________________________________________
   Relationship: _________________________________________________________
   Telephone Number: ________________________________________________

SECTION II: HEALTH STATUS

A. Date of most recent negative TB test? _______________________________________

Name of Health Insurance Company and policy number:

________________________________________________________________________

________________________________________________________________________
SECTION III: EDUCATION - Undergraduate Institution, location, major, degree:


SECTION IV: EXPERIENCE - Physical Therapy related employment and volunteer experiences-Facility, locations, dates, type of setting, responsibilities:


Based on your academic and clinical related experiences, please list strengths and areas in which you would like to improve:


My goals for this clinical experience are as follows:


**First Week Report**

<table>
<thead>
<tr>
<th><strong>Student’s Name:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Full Name (no abbreviations) of Clinical Facility:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Address of Clinical Facility (include city and state):</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Cl’s Name:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Cl’s E-mail:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>My work schedule is as follows:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>The best time to contact me (and/or my Cl) in the clinic is:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>The best phone number to reach me (and/or my Cl) in the clinic is:</strong></th>
</tr>
</thead>
</table>

We *must* have the Clinical Instructor’s e-mail address in order to enroll them on PT CPI Web. **Please submit this information by the end of your first week:** By fax (901-448-1411) or by e-mail ([mhatten@uthsc.edu](mailto:mhatten@uthsc.edu)).
CLINICAL INTERNSHIP I

The following is a list of tests and measures in which the student has had academic preparation.

TESTS AND MEASURES

**Assessment of:**
- Aerobic capacity
- Anthropomorphic characteristics (BMI, girth, circumferential measurement of edema)
- Arousal, Attention and Cognition (mental status scale)
- Assistive and Adaptive Devices (alignment, fit of basic/transfer equipment)
- Basic Balance Assessment (Berg, Tinetti, Timed Up & Go etc.)
- Basic assessment of the vestibular system
- Basic Neurological Evaluation
- Circulation (vital signs, response to positional change)
- Cranial Nerve Testing
- Sensory distribution of cranial and peripheral nerves
- Basic architectural features/ADA standards
- Basic body mechanics
- Basic gait
- Integumentary Integrity (skin characteristics, i.e. color, mobility, hair growth, temperature, texture)
- Joint integrity/mobility of extremities (limited special tests – NOT joint play)
- Muscle performance (MMT)
- Neurological Examination of tone & DTR’s
- Posture
- ROM (goniometry, flexibility tests, palpation, observation)

INTERVENTIONS

- Basic documentation (chart review/SOAP notes)
- Patient/client related instruction (home program)
- Therapeutic exercise
  - Basic gait training
  - Basic balance, coordination & agility training
  - Basic BPPV maneuvers
  - W/C propulsion
  - Postural awareness
  - Flexibility exercises
  - Use of gait assistive devices
  - Relaxation techniques
  - A, AA and resistive exercises (including concentric, eccentric, isotonic, isokinetic and plyometric), intro to
    - PNF patterns
  - Functional training
    - Basic gait/transfer training
    - Bed mobility/positioning
  - Manual therapy
Massage (therapeutic, soft tissue mobilization) NOT joint mobilization
PROM
Prescription/application of gait equipment
Physical agents and mechanical modalities
  Cryotherapy
  Contrast bath
  CPM
  Hot Pack
  Pneumatic compression
  Electromagnetic radiation
  Hydrotherapy
  Paraffin
  Tilt Table
  Fluidotherapy
  Ultrasound/Phonophoresis
  Ace Wrap
CLINICAL INTERNSHIP II

The following is a list of tests and measures in which the student has had academic preparation.

TESTS AND MEASURES

Assessment of:
Aerobic capacity
Anthropomorphic characteristics (BMI, girth, circumferential measurement of edema)
Arousal, Attention and Cognition (mental status scale)
Assistive and Adaptive Devices (alignment, fit of basic/transfer equipment)
Basic Balance Assessment (Berg, Tinetti, Timed Up & Go etc.)
Basic assessment of the vestibular system
Basic Neurological Evaluation
Circulation (vital signs, response to positional change)
Cranial Nerve Testing
Sensory distribution of cranial and peripheral nerves
Basic architectural features/ADA standards
Basic body mechanics
Basic gait
Integumentary Integrity (skin characteristics, i.e. color, mobility, hair growth, temperature, texture)
Joint integrity/mobility of extremities (special tests – NOT spine)
Muscle performance (MMT)
Motor function and motor learning
Neurological Examination of tone & DTR’s
Posture
ROM (goniometry, flexibility tests, palpation, observation)
Evaluation of lower motor neuron disorders
Basic cardiac and pulmonary testing including auscultation and pulse oximetry
Intro to adult and child sports PT

INTERVENTIONS

Basic documentation (chart review/SOAP notes)
Patient/client related instruction (home program)
Therapeutic exercise
  Basic gait training
  Basic balance, coordination & agility training
  Basic BPPV maneuvers
  W/C propulsion
  Postural awareness
  Flexibility exercises
  Use of gait assistive devices
  Relaxation techniques
  A, AA and resistive exercises (including concentric, eccentric, isotonic, isokinetic and plyometric),
  PNF patterns
Treatment of SCI & other lower motor neuron disorders
Interventions for Pt.’s with cardiovascular and pulmonary disorders
Functional training
  Basic gait/transfer training
  Bed mobility/positioning
Manual therapy
  Massage (therapeutic, soft tissue mobilization), joint mobilization of extremities (not spine)
  PROM
Prescription/application of gait equipment
Physical agents and mechanical modalities
  Cryotherapy
  Contrast bath
  CPM
  Hot Pack
  Pneumatic compression
  Electromagnetic radiation
  Hydrotherapy
  Paraffin
  Tilt Table
  Fluidotherapy
  Ultrasound/Phonophoresis
  Ace Wrap

* Have not had Neuro III, Electrotherapeutic Modalities, Ortho III (spine), P&O and Wound Care*
The students have had all their academic preparation. Below is a list of tests and measures and some courses they have had.

**TESTS AND MEASURES**

*Assessment of:*
- Aerobic capacity
- Anthropomorphic characteristics (BMI, girth, circumferential measurement of edema)
- Arousal, Attention and Cognition (mental status scale)
- Assistive and Adaptive Devices (alignment, fit of basic/transfer equipment)
- Basic Balance Assessment (Berg, Tinetti, Timed Up & Go etc.)
- Basic assessment of the vestibular system
- Basic Neurological Evaluation
- Circulation (vital signs, response to positional change)
- Cranial Nerve Testing
- Sensory distribution of cranial and peripheral nerves
- Basic architectural features/ADA standards
- Basic body mechanics
- Basic gait
- Integumentary Integrity (skin characteristics, i.e. color, mobility, hair growth, temperature, texture)
- Joint integrity/mobility of extremities (special tests – NOT spine)
- Muscle performance (MMT)
- Motor function and motor learning
- Neurological Examination of tone & DTR’s
- Posture
- ROM (goniometry, flexibility tests, palpation, observation)
- Evaluation of lower motor neuron disorders
- Basic cardiac and pulmonary testing including auscultation and pulse oximetry
- Intro to adult and child sports PT

**INTERVENTIONS**

- Basic documentation (chart review/SOAP notes)
- Patient/client related instruction (home program)
- Therapeutic exercise
  - Basic gait training
  - Basic balance, coordination & agility training
  - Basic BPPV maneuvers
  - W/C propulsion
  - Postural awareness
  - Flexibility exercises
  - Use of gait assistive devices
  - Relaxation techniques
  - A, AA and resistive exercises (including concentric, eccentric, isotonic, isokinetic and plyometric),
  - PNF patterns
  - Treatment of SCI & other lower motor neuron disorders
  - Interventions for Pt.’s with cardiovascular and pulmonary disorders
  - Functional training
Basic gait/transfer training
Bed mobility/positioning

Manual therapy
Massage (therapeutic, soft tissue mobilization), joint mobilization of extremities (not spine)
PROM

Prescription/application of gait equipment

Physical agents and mechanical modalities
Cryotherapy
Contrast bath
CPM
Hot Pack
Pneumatic compression
Electromagnetic radiation
Hydrotherapy
Paraffin
Tilt Table
Fluidotherapy
Ultrasound/Phonophoresis
Ace Wrap

PEDIATRIC TESTS AND PROCEDURES
Evaluation and assessment of the pediatric client
Physiological developmental progression of infant through young adult
Reflex development as it pertains to developmental functional levels

Integrated Assessment Tools
Alberta Infant Motor Scale
Peabody Developmental Motor Scale – 2
Bayley Scale of Infant Development III
Bruininks-Oseretsky Test of Motor Proficiency second edition
Gross Motor Function Measure (GMFM)
Test of Infant Motor Performance (TIMP)
Movement Assessment of Infants (MAI)
Pediatric Evaluation of Disability Inventory (PEDI)
School Function Assessment (SFA)

Pain Scales
Neonatal Infant Pain Scale (NIPS)
FLACC
Wong-Baker FACES

Specialty Test
Mallett Scale

The students have also had the following academic course work:
Electrotherapeutic Modalities, Ortho III (spine), Prosthetics &Orthotics and Wound Care