

**University at Buffalo
School of Public Health and Health Professions
Department of Rehabilitation Science**

Course Number:	PT 712
Course Title:	Clinical Residency (Culminating Experience)
Credit Hours:	12
Time:	Minimum 35 hours per week for twenty four weeks
Prerequisite(s):	Successful completion of year one in DPT Program (For DPT majors only)
Instructor(s):	Karen Panzarella, PT, PhD, (Coordinator) Volunteer Adjunct Clinical Faculty, licensed physical therapist, in various locations

I. Course Description:

This course prepares the future physical therapist to interact with patients, patient's families, and other related individuals on all levels. To accomplish this students will participate in direct patient care in a variety of settings with supervision by a volunteer adjunct clinical faculty member. An emphasis in an area of specialization will also be considered but not required at this time. Students will be required to maintain a "full" caseload of patients throughout the clinical residency. This course is the culmination of the clinical education experiences for the DPT degree. This progression leads to a student performing at an entry level of competence during this final experience.

I. Course Rationale:

Physical Therapists are health care practitioners responsible for the delivery of primary, secondary, and tertiary care to individuals across the lifespan. Specific to this role of the physical therapist is the focus on habilitation, rehabilitation, and prevention and wellness. Physical therapists must have the ability to practice in an ethical manner, understand patient issues in relation to practice, value and tolerate cultural diversity, modify teaching preferences to enhance patient understanding and learning.

II. Course Objectives:

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

The following objectives and behaviors taken from; Physical Therapy Clinical Performance Instrument; American Physical Therapy Association, 1997.

1. Practice in a safe manner that minimizes risk to patient, self, and others.
 - Observes health and safety regulations.
 - Maintains safe working environment.
 - Recognizes physiological and psychological changes in patients and adjusts treatment accordingly.
 - Demonstrates awareness of contraindications and precautions of treatment.
 - Requests assistance when necessary.
 - Uses acceptable techniques for safe handling of patients.
 - Protects welfare of self, patient, and others in emergency situations.

2. Present self in a professional manner.
 - Accepts responsibility for own actions.
 - Is punctual and dependable.
 - Completes scheduled assignments in a timely manner.
 - Wears attire consistent with expectations of the practice setting.
 - Demonstrates initiative.
 - Abides by policies and procedures of the practice setting.
 - Adapts to change.
3. Demonstrate professional behavior during interactions with others.
 - Maintains productive working relationships with patients, families, CI, and others.
 - Treats others with positive regard, dignity, respect, and compassion.
 - Maintains confidentiality.
 - Demonstrates behaviors that contribute to a positive work environment.
 - Accepts criticism without defensiveness.
 - Manages conflict in constructive ways.
 - Make choices after considering the consequences to self and others.
 - Assumes responsibility for choices made in situations presenting legal or ethical dilemmas.
 - Maintains patient privacy and modesty.
4. Adhere to ethical practice standards.
 - Abides by relevant ethical codes and standards of practice guidelines.
 - Adheres to institutional policy and procedures.
 - Identifies situations in which ethical questions are present.
 - Reports violations of ethical practice.
5. Adhere to legal practice standards.
 - Abides by pertinent state and federal laws and regulations, including those applying to state licensure laws.
 - Identifies situations in which legal questions are present.
 - Reports violations of laws governing practice of physical therapy.
6. Communicate in ways that are congruent with situational needs.
 - Communicates, verbally and nonverbally, in a professional and timely manner.
 - Initiates communication in difficult situations.
 - Selects the most appropriate person with whom to communicate.
 - Communicates respect for the roles and contributions of all participants in patient care.
 - Listens actively and attentively to understand what is being communicated by others.
 - Demonstrates professionally and technically correct verbal communication.
 - Communicates using nonverbal messages that are consistent with intended message.
 - Interprets and responds to the nonverbal communication of others.
 - Evaluates effectiveness of his/her own communication and modifies communication accordingly.
7. Produce documentation to support the delivery of physical therapy services.
 - Selects relevant information to document the delivery of physical therapy patient care.
 - Documents all aspects of physical therapy care, including screening, examination, evaluation, plan of care, treatment, response to treatment, discharge planning, family conferences, and communication with others involved in delivery of patient care.

- Produces documentation that follows guidelines and format required by the practice setting.
 - Documents patient care consistent with guidelines and requirements of regulatory agencies and third-party payers.
 - Produces documentation that is accurate, concise, timely, and legible.
 - Demonstrates professionally and technically correct written communication skills.
8. Adapt delivery of physical therapy care to reflect respect for and sensitivity to individual differences.
- Exhibits sensitivity to differences in race, creed, color, gender, age, national or ethnic origin, sexual orientation, and disability or health status in:
 - Communicating with others
 - Developing plans of care
 - Implementing plans of care
9. Apply the principles of logic and the scientific methods to the practice of physical therapy.
- Presents cogent and concise arguments or rationale for clinical decisions.
 - Makes clinical decisions within the context of ethical practice and informed consent.
 - Utilizes information from multiple data sources to make clinical decisions.
 - Seeks disconfirming evidence in the process of making clinical decisions.
 - Critically evaluates published research articles relevant to physical therapy and applies to clinical practice.
 - Participates in clinical research.
 - Describes sources of error in the collection of clinical data.
 - Distinguishes practices based on traditional beliefs from practices that are scientifically based.
 - Uses appropriate outcome measures in the delivery and assessment of ongoing patient care.
10. Screen patient using procedures to determine the effectiveness of and need for physical therapy services.
- Identifies critical signs and symptoms that signal appropriateness for physical therapy examination.
 - Selects appropriate screening procedures.
 - Conducts screening.
 - Interprets screening findings.
 - Based on screening, determines appropriateness for physical therapy or referral to other providers.
 - Performs physical therapy screening in a technically competent manner.
11. Perform a physical therapy patient examination.
- Selects reliable and valid physical therapy examination methods relevant to the chief complaint, results of screening, and history of the patient.
 - Obtain accurate information by performing the selected examination methods.
 - Adjusts examination according to patient response.
 - Performs examination minimizing risk to the patient, self, and others involved in the delivery of the patient's care.
 - Performs physical therapy examination procedures in a technically competent manner.
12. Evaluate clinical findings to determine physical therapy diagnoses and outcomes of care.
- Synthesizes examination data to complete the physical therapy evaluation.

- Interprets clinical findings to establish a diagnosis within the practitioner's knowledge base.
 - Identifies competing diagnoses which must be ruled out to establish a diagnosis.
 - Explains the influence of pathological, pathophysiological, and pharmacological process on the patient's movement system.
 - Identifies other medical, social, or psychological problems influencing physical therapy and not identified through diagnosis of a patient's problem.
 - Uses clinical findings and diagnosis to establish a prognosis within the practitioner's knowledge base.
 - Performs regular re-examinations of patient's status.
 - Performs regular evaluations of the effectiveness of patient treatment.
 - Evaluates changes in patient status.
13. Design a physical therapy plan of care that integrates goals, treatment, outcomes, and discharge plan.
- Establishes goals and desires functional outcomes that specify time duration.
 - Establishes a physical therapy plan of care in collaboration with the patient, family, caregiver, and others involved in the delivery of health care services.
 - Establishes a plan of care consistent with examination and evaluation.
 - Establishes a plan of care minimizing risk to the patient and those involved with the delivery of the patient's care.
 - Establishes a plan of care designed to produce the maximum patient outcome utilizing available resources.
 - Adjusts the plan of care in response to changes in patient status.
 - Selects intervention strategies to achieve the desired outcomes.
 - Establishes a plan for patient discharge in a timely manner.
14. Perform physical therapy interventions in a competent manner.
- Performs effective, efficient, fluid, and coordinates movements in providing technically competent interventions for patients.
 - Performs interventions consistent with the plan of care.
 - Provides intervention in a manner minimizing risk to self, to the patient, and to others involved in the delivery of care.
 - Uses intervention time efficiently and effectively.
 - Adapts interventions to meet the individual needs and response of the patient.
15. Educate others (patients, family, caregivers, staff, students, other health care providers) using relevant and effective teaching methods.
- Identifies and establishes priorities for educational needs in collaboration with the learner.
 - Designs educational activities to address identified needs.
 - Conducts educational activities using a variety of instructional strategies as needed.
 - Evaluates effectiveness of educational activities.
 - Modifies educational activities considering learner's needs, characteristics, and capabilities.
16. Participate in activities addressing quality of service delivery.
- Seeks information regarding quality of care rendered by self and others under their supervision.
 - Provides recommendations for developing or modifying guidelines based on outcomes measures, effectiveness studies, and clinical observations.
 - Follows established guidelines for the delivery of physical therapy services.

- Participates in quality assurance, peer review, and utilization review.
17. Provide consultation to individuals, businesses, schools, government agencies, or other organizations.
- Determines need for consultation services.
 - Recommends consultation services.
 - Uses knowledge and expertise to help others solve physical therapy related problems.
 - Provides consultation services such as ergonomic evaluations, school system assessments, and corporate environmental assessments.
18. Address patient needs for services other than physical therapy as needed.
- Determines needs of and available resources for patients.
 - Recommends referrals based on expertise and effectiveness of providers.
 - Advocates for appropriate patient services and resources.
 - Assists patient in accessing resources.
 - Coordinates services of other health care providers.
19. Manage resources (time, space, equipment, and personnel) to achieve goals of the practice setting.
- Sets priorities for the use of resources to maximize outcomes.
 - Functions within the organizational structure or the practice setting.
 - Uses time effectively.
 - Coordinates physical therapy with other services to facilitate efficient and effective patient care.
 - Schedules patients, equipment, and space.
20. Incorporate an understanding of economic factors in the delivery of physical therapy services.
- Adapts physical therapy services to the economic factors of the health care environment.
 - Submits accurate patient charges on time.
 - Acts in a fiscally responsible manner.
 - Provides recommendations for equipment and supply needs.
 - Adheres to reimbursement guidelines established by payers.
 - Negotiates with reimbursement entities for changes in individual patient services.
21. Utilize support personnel according to legal standards and ethical guidelines.
- Determines physical therapy related tasks that can be legally and ethically delegated.
 - Delegates physical therapy related tasks to facilitate effective and efficient patient care.
 - Informs the patient of the decision to delegate the physical therapy related care and the reason for delegating.
 - Delegates physical therapy related tasks to the appropriate support personnel.
 - Demonstrates respect for the contributions of support personnel.
 - Monitors the care delivered by support personnel.
 - Provides regular feedback to support personnel.
22. Demonstrate that a physical therapist has professional/social responsibilities beyond those defined by work expectations and job description.
- Demonstrates a willingness to alter schedule to accommodate patient needs and facility requirements.
 - Participates in special events organized in the practice setting related to patients and the delivery of care.

- Participates in professional organizations and service groups.
 - Promotes the profession of physical therapy.
23. Implement a self-directed plan for professional development and lifelong learning.
- Demonstrates an awareness of own strengths and limitations.
 - Seeks guidance as necessary to address limitations.
 - Modifies behavior based on self-evaluation and constructive feedback.
 - Establishes realistic goals in a plan for professional development.
 - Participates in learning experiences within the practice setting.
 - Participates in opportunities for professional growth.
 - Discusses progress of professional growth.
 - Seeks opportunities to learn.
 - Accepts responsibility for continuous professional learning.
 - Demonstrates knowledge of current professional issues and practice.
 - Periodically assesses own professional development.
24. Address primary and secondary prevention, wellness, and health promotion needs of individuals, groups, and communities.
- Educates patients or other individuals, groups, or communities on health promotion, prevention, and wellness by providing information on impairment, disease, disability, and health risks related to age, gender, culture, and lifestyle.
 - Incorporates the concept of self-responsibility in wellness and health promotion.
 - Proposes procedures for monitoring effects of health promotion, prevention, and wellness.
 - Describes potential health problems addresses by physical therapy in individuals, groups, and communities.
 - Performs screening programs appropriate to physical therapy.

IV. Textbooks:

1. Guide to Physical Therapy Practice. American Physical Therapy Association, 1999
2. Developing Professional Behaviors Kasar J, Clark EN, Slack, 2000, Thorofare NJ.
3. Ethics in Rehabilitation; Korblau BL, Starling SP, Slack, 2000, Thorofare, NJ.
4. Physical Therapy Clinical Performance Instrument; American Physical Therapy Association, 1997.

III. Other Resources:

IV. Course Evaluation:

Any student with a diagnosed disability (physical, learning, or psychosocial) which will make it difficult for him/her to carry out the course work as outlined, or, requires accommodations such as recruiting note takers, readers, or extended time on exams and/or assignments, should advise faculty during the first week of the course so reasonable accommodations may be made.

Cheating: Evidence of cheating on exams (practicals or written) or assignments will not be tolerated and will result in a zero for the exam, "F" for the course, and recommended dismissal from the DPT Program. Students should be aware that assignments turned in for this course may be subject to an electronic plagiarism

check. Plagiarism is a form of cheating and so evidence of plagiarism will be dealt with as noted above.

Course Requirements:

Current CPR/First Aid certification
Current physical examination
HIPAA Certification
OSHA Blood Bourn Pathogens in service
Completed Clinical Instructor CPI and self evaluation CPI
Facility Evaluation
Clinical Instructor Survey
Two completed patient case studies
Individualized professional goals list

The Director of Clinical Education will determine what constitutes satisfactory performance for determining a grade for a clinical experience. The Director of Clinical Education will utilize various sources for determining the clinical grade some of which may include, a phone conversation, or a visit with the Clinical Instructor and the student, observation of student in the clinical setting, and the written evaluation on the CPI.

At the conclusion of a clinical experience, grading decisions made by the DCE, may be based upon:

- clinical setting
- experience with patients or clients in that setting
- relative weighting or importance of each performance criteria
- expectations of clinical experience
- progression of performance from midterm to final evaluations.
- level of experience within the didactic and clinical components.
- whether or not "significant concerns" box was checked and
- the congruence between the CI's narrative midterm and final comments related to the five performance dimensions and the ratings provided.

Successful completion of PT 712 will require attaining at a minimum; entry-level status in the first five (1 – 5) Performance Criteria on the Physical Therapist Clinical Performance Instrument(CPI) and entry level ranking on the Visual Analog Scale(VAS) for Performance Criteria 7, 11, 12, 13, 14, and 15 by the final. The remaining Performance Criteria will be at a minimum of 90% of the VAS by the final.

Student Clinical Portfolio requirements, to include Physical Therapist Clinical Performance Instrument and at least three completed patient case study forms.

Completion of course requirements will earn the student an "S" (satisfactory) grade in the course.

VII. Schedule:

PT 712 is scheduled for completion after the fall semester of the third year of the DPT program for 24 weeks. Beginning in early November and completing in late April.