

PT 640: PHYSICAL THERAPY INTERVENTIONS II

In Workflow

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Approval Path

1. Thu, 12 Dec 2019 17:47:17 GMT
Heide Katrin Mattern-Baxter (kbaxter): Rollback to Initiator
2. Thu, 12 Dec 2019 17:48:43 GMT
Heide Katrin Mattern-Baxter (kbaxter): Approved for PT Committee Chair
3. Fri, 13 Dec 2019 19:26:47 GMT
Heather Crummett (crummetth): Approved for PT Chair
4. Tue, 04 Feb 2020 23:23:48 GMT
Kisun Nam (knam): Rollback to Initiator
5. Thu, 05 Mar 2020 21:27:43 GMT
Heide Katrin Mattern-Baxter (kbaxter): Approved for PT Committee Chair
6. Thu, 05 Mar 2020 21:37:54 GMT
Michael Mckeough (mckeough): Approved for PT Chair
7. Fri, 06 Mar 2020 19:14:04 GMT
Kisun Nam (knam): Approved for HHS College Committee Chair
8. Fri, 06 Mar 2020 19:25:08 GMT
Mary Maguire (maguirem): Approved for HHS Dean
9. Wed, 08 Apr 2020 18:32:10 GMT
Janett Torset (torsetj): Approved for Academic Services

Date Submitted: Thu, 05 Mar 2020 18:29:51 GMT

Viewing: PT 640 : Physical Therapy Interventions II

Last edit: Thu, 05 Mar 2020 18:29:49 GMT

Changes proposed by: Heather Crummett (210174092)

Contact(s):

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Catalog Title:

Physical Therapy Interventions II

Class Schedule Title:

Phy Therapy Inter II

Academic Group: (College)

HHS - Health & Human Services

Academic Organization: (Department)

Physical Therapy

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2021 (2021/2022 Catalog)

Subject Area: (prefix)

PT - Physical Therapy

Catalog Number: (course number)

640

Course ID: (For administrative use only.)

160516

Units:

3

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

Yes, final exam requires a room

Does this course replace an existing experimental course?

No

This course complies with the credit hour policy:

Yes

Justification for course proposal:

The pre and co-requisites for all summer year 1 and fall year 2 courses in the program had to be changed because Geriatrics (PT 636) was moved from the summer to the fall semester.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

This course is a continuation of Physical Therapy Interventions I. This course focuses on the presentation of selected topics in acute care and cardiopulmonary Physical Therapy. Students will learn how to perform appropriate and comprehensive examinations, interpret the examination findings as well as design and implement a plan of care based upon the next available evidence.

Are one or more field trips required with this course?

No

Fee Course?

No

Is this course designated as Service Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Course Note: (Note must be a single sentence; do not include field trip or fee course notations.)

Open to Physical Therapy majors only

Does this course have prerequisites?

Yes

Prerequisite:

BIO 633, PT 600, PT 602, PT 604, PT 606, PT 608, PT 614, PT 618, PT 620, PT 622, PT 630, PT 632, PT 634, and PT 638.

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

Yes

Corequisite:

PT 624, PT 625, PT 626, PT 636, PT 646

Corequisites Enforced at Registration?

Yes

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Laboratory

Lecture

Laboratory Classification

CS#16 - Science Laboratory (K-factor=2 WTU per unit)

Laboratory Units

1

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1 WTU per unit)

Lecture Units

2

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."

All course objectives reference the overall educational goals and student learning outcomes of the Department of Physical Therapy. At the completion of this course, the student is expected to be able to:

Student Learning Outcome 1.0: Demonstrate professional effectiveness

1.1 Compare and contrast normal biological, physiological, and psychological mechanisms of the human body with pathophysiological factors that lead to impaired body functions and structure.

1.1.1 Discuss the etiology and clinical features of major disorders.

1.1.1.1 Describe the relationship between normal anatomy/physiology and pathology in the cardiovascular and pulmonary systems

1.1.1.2 Describe the relationship between normal anatomy/physiology and pathology due to oncology

1.1.1.3 Describe the relationship between normal anatomy/physiology and pathology in common conditions found in acute care settings

1.1.2 Describe how pathological processes affect normal function.

1.1.2.1 Describe how pathological processes affect normal function in the cardiopulmonary system

1.1.2.2 Describe how cancer affects normal function in the physiological systems of the body

1.1.2.3 Describe how pathological processes affect normal function in the common conditions found in acute care settings

1.1.3 Discuss common medical/surgical treatments for major disorders.

1.1.3.1 Discuss common medical/surgical treatments for the cardiopulmonary system

1.1.3.2 Discuss common medical/surgical treatments used in oncology.

1.1.3.3 Discuss common medical/surgical treatments for common conditions found in acute care settings

1.1.4 Analyze the effects of pharmacological agents on human function.

1.1.4.1 Analyze the effects on human function of pharmacological agents used to treat conditions within the cardiopulmonary system

1.1.4.2 Analyze the effects on human function of pharmacological agents used to treat oncology conditions.

1.1.4.3 Analyze the effects on human function of pharmacological agents used to treat common conditions in the acute care setting.

- 1.2 Determine the physical therapy needs of any individual seeking services.
 - 1.2.1 Perform an effective and efficient systems review screen.
 - 1.2.1.1 Perform an effective and efficient systems review screen for a patient with a cardiopulmonary disorder
 - 1.2.1.2 Perform an effective and efficient systems review screen for a patient with an oncology disorder
 - 1.2.1.3 Perform an effective and efficient systems review screen for a patient in an acute care setting
 - 1.2.2 Review pertinent medical records and conduct a comprehensive patient interview.
 - 1.2.2.1 Review pertinent medical records and conduct a comprehensive patient interview for a patient with a cardiopulmonary condition
 - 1.2.2.2 Review pertinent medical records and conduct a comprehensive patient interview for a patient with an oncology condition
 - 1.2.2.3 Review pertinent medical records and conduct a comprehensive patient interview for a patient in an acute care setting
 - 1.2.3 Carry out appropriate and comprehensive patient examinations including tests and measures in a safe and client-centered manner.
 - 1.2.3.1 Carry out appropriate and comprehensive patient examinations including tests and measures in a safe and client-centered manner for a patient with a cardiopulmonary condition
 - 1.2.3.1.1 Carry out appropriate and comprehensive patient examination including tests and measures to assess ventilation and respiration/gas exchange
 - 1.2.3.1.2 Carry out appropriate and comprehensive patient examination including tests and measures to assess the circulation [arterial, venous and lymphatic].
 - 1.2.3.2 Carry out appropriate and comprehensive patient examinations including tests and measures in a safe and client-centered manner for a patient with an oncology condition
 - 1.2.3.3 Carry out appropriate and comprehensive patient examinations including tests and measures in a safe and client-centered manner for a patient in an acute care setting
 - 1.2.3.4 Carry out appropriate and comprehensive patient examination including tests and measures to assess arousal, cognition and mental health
 - 1.2.4 Determine, with each patient encounter, the patient's need for further examination or consultation.
 - 1.2.5 Perform a physical therapy patient examination using evidenced-based tests and measures.
 - 1.2.6 Utilize available evidence in interpreting examination findings to inform the patient evaluation.
 - 1.2.7 Evaluate data from the patient examination (history, systems review, tests and measures) to make clinical judgments.
 - 1.2.8 Synthesize available data on a patient using the concepts and terminology of the most recent disability/enableness theoretical construct (currently the International Classification of Functioning, Disability, and Health (ICF) Model of Functioning and Disability).
 - 1.2.9 Cite the evidence (patient history, diagnostic test results, tests, measures, and scientific literature) to support clinical decisions.
 - 1.2.9.1 Cite the evidence (patient history, diagnostic test results, tests, measures, and scientific literature) to support clinical decisions for patients with a cardiopulmonary condition.
 - 1.2.9.2 Cite the evidence (patient history, diagnostic test results, tests, measures, and scientific literature) to support clinical decisions for patients with an oncology condition.
 - 1.2.9.3 Cite the evidence (patient history, diagnostic test results, tests, measures, and scientific literature) to support clinical decisions for patients in acute care settings.
 - 1.2.10 Evaluate and interpret the results of examination findings to classify the patient problem using the most recently adopted diagnostic taxonomy (currently the Guide to Physical Therapist Practice's labels and practice patterns).
 - 1.2.11 Integrate and evaluate data that are obtained during the examination to describe the patient condition in terms that will guide the prognosis, the plan of care and intervention strategies.
 - 1.2.12 Identify and prioritize body function and structure impairments to determine specific activity limitations towards which interventions will be directed.
 - 1.2.13 Make a referral to another physical therapist, other health care practitioner or agency when physical therapy is not indicated or the patient/client's needs are beyond the skills, expertise and/or scope of practice of the physical therapist practitioner.
 - 1.2.14 Determine the need for additional information and utilize technological search mechanisms to find that information.
 - 1.2.15 Adapt delivery of physical therapy services with consideration for patients' differences, values, preferences and needs.
 - 1.2.16 Apply current knowledge, theory, clinical judgment, and the patient's values and perspective in patient management.
- 1.3 Develop a plan of care based on the best available evidence and that considers the patient's personal and environmental factors
 - 1.3.1 Prioritize patient/client problems taking into consideration the patient/client's needs and goals, health condition, physiological and biological mechanisms within the constraints of the environment and resources.
 - 1.3.2 Write measurable, functional goals that are time referenced with expected outcomes.
 - 1.3.2.1 Write measurable, functional goals that are time referenced with expected outcomes for a patient with a cardiopulmonary disorder.
 - 1.3.2.2 Write measurable, functional goals that are time referenced with expected outcomes for a patient with an oncology disorder.
 - 1.3.2.3 Write measurable, functional goals that are time referenced with expected outcomes for a patient in an acute care setting.
 - 1.3.3 Determine a patient prognosis by predicting the level of optimal improvement in function and the amount of time required to achieve that level.
 - 1.3.3.1 Determine a patient prognosis by predicting the level of optimal improvement in function and the amount of time required to achieve that level in a patient with a cardiopulmonary disorder.
 - 1.3.3.2 Determine a patient prognosis by predicting the level of optimal improvement in function and the amount of time required to achieve that level in a patient with an oncology disorder.
 - 1.3.3.3 Determine a patient prognosis by predicting the level of optimal improvement in function and the amount of time required to achieve that level in a patient in an acute care setting.
 - 1.3.4 Recognize barriers that may impact the achievement of optimal improvement within a predicted time frame.
 - 1.3.5 Select and prioritize the essential interventions that are safe, meet the specified functional goals and outcomes and are patient-centered.

- 1.3.5.1 Select and prioritize the essential interventions that are safe, meet the specified functional goals and outcomes and are patient-centered for a patient with a cardiopulmonary condition.
 - 1.3.5.2 Select and prioritize the essential interventions that are safe, meet the specified functional goals and outcomes and are patient-centered for a patient with an oncology condition.
 - 1.3.5.3 Select and prioritize the essential interventions that are safe, meet the specified functional goals and outcomes and are patient-centered for a patient in an acute care setting.
 - 1.3.6 Identify and collaborate with others needed in implementing the plan of care.
 - 1.3.7 Articulate a specific rationale for referrals made to other providers.
 - 1.3.8 Progress the plan of care by making ongoing adjustments to interventions.
 - 1.3.8.1 Progress the plan of care by making ongoing adjustments to interventions for a patient with a cardiopulmonary condition.
 - 1.3.8.2 Progress the plan of care by making ongoing adjustments to interventions for a patient with an oncology condition.
 - 1.3.8.3 Progress the plan of care by making ongoing adjustments to interventions for a patient in an acute care setting.
 - 1.3.9 Include in the plan of care indirect interventions, such as coordination of care, patient/family education, modifications to physical and social environments, and referral to other providers.
 - 1.3.10 Seek and find information using contemporary technology that addresses the specific needs of the patient care plan.
 - 1.3.11 Identify patient needs in terms of discharge planning, discontinuation of care, and transfer of care.
 - 1.4 Implement the physical therapy plan of care designed to restore and/or maintain optimal function applying selected procedural interventions that demonstrate safe and effective psychomotor and clinical reasoning skills.
 - 1.4.1 Perform efficient and effective procedural interventions utilizing evidence-informed physical therapy procedures in a competent manner.
 - 1.4.1.1 Perform efficient and effective procedural interventions utilizing evidence-informed physical therapy procedures in a competent manner for a patient with a cardiopulmonary condition.
 - 1.4.1.1.1 Perform efficient and effective airway clearance techniques to achieve patient/client goals.
 - 1.4.1.1.2 Perform efficient and effective procedural interventions utilizing evidence-informed physical therapy in collaboration with other health care providers.
 - 1.4.1.2 Perform efficient and effective procedural interventions utilizing evidence-informed physical therapy procedures in a competent manner for a patient with an oncology condition.
 - 1.4.1.3 Perform efficient and effective procedural interventions utilizing evidence-informed physical therapy procedures in a competent manner for a patient in an acute care setting.
 - 1.4.2 Modify or redirect selected procedural interventions in light of reexaminations and/or patient/client's response to interventions.
 - 1.4.3 Instruct the patient/client or caregiver in exercises, postures, handling techniques, home exercises consistent with patient/client diagnosis, prognosis, and expected outcomes, to facilitate patient/client progress, to maintain patient/client status, or to slow deterioration.
 - 1.4.4 Assess patient/client progress towards goals/projected outcomes.
 - 1.4.5 Coordinate patient/client care with other health care providers.
 - 1.4.5.1 Coordinate patient/client care with other health care providers for a patient with a cardiopulmonary condition.
 - 1.4.5.2 Coordinate patient/client care with other health care providers for a patient with an oncology condition.
 - 1.4.5.3 Coordinate patient/client care with other health care providers for a patient in an acute care setting.
 - 1.5 Demonstrate effective verbal and written communication skills with patients, families, other health care professionals, and the public, to facilitate interventions and interdisciplinary interactions and cooperation.
 - 1.5.1 Determine appropriate documentation for the recording of patient/client information consistent with professional standards, the fiscal intermediary, and the treatment setting.
 - 1.5.2 Produce quality documentation in a timely manner to support the delivery of physical therapy services.
 - 1.5.3 Demonstrate thorough, concise documentation consistent with current language from the Patient Management Model contained in the most recent edition of the Guide to Physical Therapist Practice.
 - 1.5.4 Communicate efficiently and effectively with other health care providers involved in the patient/client's management.
 - 1.6 Utilize data from selected outcome measures to document intervention effectiveness.
 - 1.6.1 Select relevant outcome measures for levels of body functions and structural impairments, activities and participation with respect for their psychometric properties.
 - 1.6.2 Collect relevant evidenced-based outcome measures that relate to patient/client goals and/or prior level of function.
 - 1.6.3 Describe how aggregate data is analyzed to assess the effectiveness of clinical performance (interventions).
 - 1.7 Determine an appropriate discharge, discontinuation of service, or transfer of care plan for patients/clients.
 - 1.7.1 Re-examine patients/clients to determine if continued physical therapy services are indicated.
 - 1.7.2 When a patient/client has reached optimal goals with physical therapy interventions and, when other related services are still needed, seek resources and/or consult with others to identify alternative resources.
 - 1.7.3 Determine needed resources for patients/clients to ensure timely discharge, including follow-up care.
 - 1.7.4 Discontinue care when physical therapy services are no longer indicated.
- Student Learning Outcome 2.0: Demonstrate the ability to plan, organize...
- 2.1 Provide consultative services applying the unique knowledge and skills of a physical therapist to identify problems, recommend solutions, or produce an outcome or product.
 - 2.2 Engage in education activities consistent with imparting information and knowledge unique to the expertise of physical therapists to individuals or groups using relevant and effective teaching methods.
 - 2.2.1 Promote health behaviors through educational interventions and modeling.
 - 2.2.2 Apply basic educational concepts of teaching to the practice of physical therapy.

2.2.3 Educate colleagues and other health care professionals about the roles, responsibilities and academic preparation of the physical therapist and scope of physical therapy practice.

2.2.4 Present topics/issues using current evidence and sound teaching principles (i.e. case studies, in-service, journal article review, etc.).

Student Learning Outcome 3.0: Demonstrate professional behaviors

3.1 Recognize cultural, ethnic, age, economic, and psychosocial differences and apply a humanistic and holistic approach to the delivery of a clinical service.

3.1.1 Practice physical therapy demonstrating cultural competence with all individuals and groups.

3.1.2 Work effectively with challenging patients.

3.1.3 Respect personal space of patients/clients and others.

3.1.4 Demonstrate behaviors that are non-judgmental with regards to patients/clients' lifestyles.

3.1.5 Respect roles of support staff and delegate appropriately.

3.1.6 examine patients/clients by selecting culturally and age appropriate tests & measures to assess anthropometric characteristics.

3.1.7 examine patients/clients by selecting culturally and age appropriate tests & measures to assess arousal, attention and cognition.

3.1.8 examine patients/clients by selecting culturally and age appropriate tests & measures to assess the circulation [arterial, venous & lymphatic].

3.1.9 provide culturally competent care to patients/clients in collaboration with other health care professionals.

3.1.10 examine patients/clients by selecting culturally and age appropriate tests & measures to assess ventilation and respiration/ gas exchange.

3.2 Communicate effectively for varied audiences and purposes.

3.2.1 Demonstrate effective interpersonal (verbal, nonverbal, electronic) communication skills considering the diversity of populations and environments.

3.2.2 Facilitate therapeutic communication and interpersonal skills.

3.2.3 Discuss difficult issues with sensitivity and objectivity.

3.2.4 Appropriately utilize communication technology efficiently, professionally, and effectively.

3.2.5 Respect roles of support staff and communicate appropriately.

3.4 Recognize the need for personal and professional development.

3.4.4 Accept responsibility and demonstrate accountability for professional decisions.

3.4.5 Recognize own biases and suspend judgments based on biases.

3.5 Demonstrate entry level generic abilities, including:

3.5.1 Professional accountability and commitment to learning.

3.5.2 Recognition of one's own limitations.

3.5.3 Effective use of constructive feedback.

3.5.4 Effective use of time and resources

3.5.5 Demonstrate integrity, compassion & courage in all interactions

Student Learning Outcome 4.0: Practice in an ethical and legal manner

4.1 Practice physical therapy in a manner consistent with established legal and professional standards.

4.1.1 Demonstrate awareness of and adherence to state licensure regulations.

4.1.2 Practice within all applicable regulatory and legal requirements.

4.2 Practice in a manner consistent with the professional code of ethics

4.2.1 Demonstrate knowledge and application of ethical decision-making.

4.2.2 Treat patients/clients within scope of practice, expertise and experience.

Student Learning Outcome 5.0: Demonstrate Scholarship

5.1 Apply basic principles of statistics and research methodologies within the practice of physical therapy.

5.1.1 Formulate and reevaluate positions based on the best available evidence.

5.1.2 Evaluate the efficacy and efficiency of physical therapy procedural interventions.

5.1.3 Critically evaluate and interpret professional literature as it pertains to practice, research, and education.

5.1.4 Utilize contemporary technology consistently to access evidence.

Attach a list of the required/recommended course readings and activities:

PT 640 Syllabus 2020_revised.docx

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.

GRADING PROCEDURES:

1. term paper 20%

[course objectives: 1, 2, 3 & 5]

2. Pulmonary written exam 40%

[course objectives: 1, 3 & 4]

3. Cardiac written exam 40%
[course objectives: 1, 3 & 4]
4. successful completion of 5 preparatory quizzes-minus 5% for each "failed" quiz Pass/Fail
[course objective: 1]
5. successful completion of 2 practical exams (pulmonary & cardiac) Pass/Fail
[course objectives: 1, 2, 3 & 4]
6. successful completion of rehab observation Pass/Fail
[course objectives: 1, 3 & 4]
7. successful completion of acute care/intensive care simulation labs Pass/Fail
[course objectives: 1, 2, 3 & 4]
8. professional behaviors demonstrated in all activities related to this course Pass/Fail
[course objectives: 3 & 4]

Is this course required in a degree program (major, minor, graduate degree, certificate?)

Yes

Has a corresponding Program Change been submitted to Workflow?

No

Identify the program(s) in which this course is required:

Programs:

Doctor of Physical Therapy

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Doctorate Learning Goal(s):

Critical thinking/analysis
Communication
Information literacy
Disciplinary knowledge
Intercultural/Global perspectives
Professionalism

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Please attach any additional files not requested above:

DPT-SLO_Letter.pdf

Reviewer Comments:

Heide Katrin Mattern-Baxter (kbaxter) (Thu, 12 Dec 2019 17:47:17 GMT):Rollback: PT640 is listed as a co-requisite, but that's the course itself.

Kisun Nam (knam) (Tue, 04 Feb 2020 23:23:48 GMT):Rollback: Committee approved the form with pending changes. Please refer to the discussion during meeting. Committee members from the department will provide the detailed changes to the chair/author. Once re-submitted, the chair may approve the proposal immediately.

Key: 4086