APPLICATION FOR NEW COURSE

Submitted by College of ___Health Sciences___ Date 10/31/04

Department/Division offering course ___Rehabilitation Sciences / Physical Therapy___

2. Proposed designation and Bulletin description of this course

a. Prefix and Number ___PT 604___

b. Title* ___Pharmacology II___

*NOTE: If the title is longer than 24 characters (including spaces), write a sensible title (not exceeding 24 characters) for use on transcripts.

c. Lecture/Discussion hours per week ___1___

d. Laboratory hours per week ___0___

e. Studio hours per week ___0___

f. Credits ___1___

g. Course description

This course will build on the material covered in PT 603, Pharmacology I in Physical Therapy, focusing on how drug classes influence rehabilitation treatment strategies.

h. Prerequisites (if any)

Successful completion of PT 603

i. May be repeated to a maximum of ___NA___ (if applicable)

To be cross-listed as

Prefix and Number ______

Signature, Chairman, cross-listing department ______

5. Effective Date ___Spring 2007___ (semester and year)

6. Course to be offered

☐ Fall  ✔ Spring  ☐ Summer

7. Will the course be offered each year?
(Explain if not annually)

✔ Yes  ☐ No

8. Why is this course needed?

Transition of entry level physical therapy program from MSPT to DPT necessitates increased depth and rigor as reflected in this new course.

9. a. By whom will the course be taught? ___Susan Queen, PT, PhD___

b. Are facilities for teaching the course now available?
If not, what plans have been made for providing them?

✔ Yes  ☐ No
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10. What enrollment may be reasonably anticipated? 64 per year

11. Will this course serve students in the Department primarily? Yes No
   Will it be of service to a significant number of students outside the Department? Yes No
   If so, explain.

12. Will the course serve as a University Studies Program course? Yes No
    If yes, under what Area?

13. Check the category most applicable to this course:
    ✓ traditional; offered in corresponding departments elsewhere;
    □ relatively new, now being widely established
    □ not yet to be found in many (or any) other universities

14. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? Yes No

15. Is this course part of a proposed new program? DPT
    If yes, which?

16. Will adding this course change the degree requirements in one or more programs? Yes No
    If yes, explain the change(s) below

17. It will contribute to an increase from 100 to 120 credits for graduation from the Physical Therapy Program.

18. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

19. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

20. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales.

21. Within the Department, who should be contacted for further information about the proposed course?

   Name: Debbie Kelly, MS PT Phone Extension: 3-1100 x 80599

*NOTE: Approval of this course will constitute approval of the program change unless other program modifications are proposed.
APPLICATION FOR NEW COURSE

Signatures of Approval:

[Tony Mclean's signature]
Department Chair

[Tony Mclean's signature]
Dean of the College

[12-06-04]

Nov 8, 2004

11/9/04

Date

Date

Date of Notice to the Faculty

Date

Date

*Undergraduate Council

*University Studies

*Graduate Council

*Academic Council for the Medical Center

*Senate Council (Chair)

*If applicable, as provided by the Rules of the University Senate

[PT 604]

ACTION OTHER THAN APPROVAL

Rev 3/04
PT 604
Pharmacology II
DPT

This course will apply the material presented in Pharmacology in PT to rehabilitation treatment strategies. The course will include the effect of age and different pathologies on drug action.

Course objectives.

1) Understand and apply knowledge of how anti-inflammatory, cardiovascular, pulmonary, and CNS-directed medications influence a patient’s/client’s response to physical therapy treatments.
2) Describe which medications are most apt to affect movement and balance and appropriate compensations to the physical therapy treatment strategy.
3) Describe and apply how age and different diseases would influence physical therapy treatment strategies.
4) Understand the basis for drugs now in clinical trials for treatment of neuromusculoskeletal and cognitive disorders and how they influence rehabilitation strategies, especially those designed to facilitate functional outcome.

Text:
PHARMACOLOGY FOR PHYSICAL THERAPY

PT 604

1 CREDIT HOUR

TERRY MALONE, PT, EdD
Office number 323-1100 ext8-0600
E-Mail trmalo1@uky.edu

COURSE DESCRIPTION
This course is designed to build on the previous material of PT-603 and provide the learner the opportunity to apply such to rehabilitation strategies. The course will include the effect of age and different pathologies on drug actions. This has become vital as physical therapists have increasingly assumed the role as "entry points" to the health care system. Therapists must be aware of not only pharmacologic agents seen commonly but also how they may significantly alter treatment goals and responses to interventions. Students develop and "give" a "Poster Presentation" and a short oral presentation related to the primary pharmacologic agents related to specific patient groups.

COURSE SCHEDULE

12 HOURS OF LECTURE

8 HOURS GROUP CLINICAL RESEARCH PROJECT

PRESENTATIONS OF PROJECTS (WRITTEN & ORAL)

WRITTEN EXAMINATION

Required Readings

PHYSICAL & OCCUPATIONAL THERAPY: DRUG IMPLICATIONS FOR PRACTICE - Terry Malone EdD,PT,ATC
J.B. Lippincott, Philadelphia, PA 1989
(Students are required to read the first chapter of this text! - Not to be purchased - Copies on Reserve - Both Lexington & Hazard - Only the first Chapter - other material is not to be used alone as it is "dated")

PHARMACOLOGY IN REHABILITATION - Charles Ciccone PhD, PT

GRADING / EVALUATION

50 % Related to the Examination
25 % Group Project Presentation
25 % Poster (The Poster Itself - Information, etc.)

NORMAL SCALE

100 - 92 A
91 - 80 B
79 - 70 C
COURSE OBJECTIVES & GOALS

UPON COMPLETION OF THIS COURSE THE LEARNER WILL:

1) Understand and apply knowledge of how anti-inflammatory, cardiovascular, pulmonary, and CNS-directed medications influence a patient’s/client’s response to physical therapy treatments.

2) Describe which medications are most apt to affect movement and balance and then to express compensations to treatment in response to such.

3) Describe and apply how age and different diseases would influence physical therapy treatment strategies.

4) Understand the basis for drugs now in clinical trails for treatment of neuromusculoskeletal and cognitive disorders and how they influence rehabilitation strategies, especially those designed to facilitate functional outcome.

5) Investigate a pharmacologic management topic and present a Poster and Oral presentation related to such.

6) List, Analyze, and Interpret the sources of information used in the Patient Management Case and indicate the expected pharmacologic response as presented by the Case Specifications - During the classroom or "Poster" Presentation.
Lyons, Marilyn

From: Malone, Terry R
Sent: Wednesday, February 02, 2005 5:28 PM
To: Lyons, Marilyn
Subject: RE: DPT issues

Here we go: RE: #9 We interpreted this to mean change from the existing PT Program (MSPT/BHS) to DPT (proposed) The existing is 100 hours while the proposed is 120 – hence the reason it was checked Yes – however – you are correct that it does not impact the existing Program (You are good!!!)

PT 604 - I've attached some electronic info - just add it as the redo of the 604 as I've completed the template for review - we knew it would need to be fleshed out and Sue did the initial to allow thanks again for the great eyes

PT-770 We had planned on having some weeks be heavier and others lighter – a better description would thus be Lecture 1-2 hrs. per week – (if averaged for the whole timeframe) so feel free to alter it to reflect Lecture 1-2 hours per week; … thanks again – Terry

From: Lyons, Marilyn
Sent: Wednesday, February 02, 2005 3:36 PM
To: Malone, Terry R
Subject: DPT issues

Terry: Here are my issues with the DPT courses:

#9 On the Change in Existing course for PT 654 and PT 628. The comment: “It will contribute to an increase from 100 to 120 credits for graduation from the PT program.” Is this a change in the masters program? If so, a change in degree form needs to be submitted.

On the Application for a new course for PT 604, the syllabus is not complete, for example there is no grading and Sue Queen is listed as the instructor.

On the application for a change in existing course for PT 770. #4 present description and proposed description both have 0-2 lab hours and 2-3 lecture hours listed but the course is being decreased from 3 to 2 credits. Is there a typo in the new description?

The DPT has been changed from associate to doctoral on the CPE website.

See you at Grad Council tomorrow.

Marilyn Lyons
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2/3/2005